1955-56

VICTORIA

STATE RIVERS AND WATER SUPPLY COMMISSION

FIFTIETH ANNUAL REPORT

1954-55

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STATE RIVERS AND WATER SUPPLY COMMISSION

100-110 Exhibition-street, Melbourne, C.1, 26th March, 1956

ANNUAL REPORT, 1954-55

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 1954–55, 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.

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- L. DUGGAN, J.P., Secretary.

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ANNUAL REPORT

OF THE

STATE RIVERS AND WATER SUPPLY COMMISSION

FOR

YEAR ENDED 30TH JUNE, 1955.

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.

In 1906 the total capacity of Victorian storages was approximately 200,000 acre feet. Today the total capacity of water storage controlled by the Commission is 4,808,950 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 line is 14,855,360 acres.

Total water deliveries for the year from the Commission's irrigation systems were 1,070,433 acre feet. Water deliveries to the Commission's Irrigation Districts totalled 865,211 acre feet.

The number of diversions from streams authorized under long-term licences and annual permits totalled 4,284.

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.

The Wimmera-Mallee system was taken over by the State Rivers and Water Supply Commission in 1908, at which time it served only a limited area in the Wimmera and lower Mallee, largely by utilising natural waterways. The channel system has been reconstructed and extended, and now has a total length of 6,500 miles.

IRRIGATION PRODUCTION AND DEVELOPMENT.

The area irrigated during the year was 863,563 acres, and production from irrigated lands for year 1953-54 was valued at £39,725,000, both of which are all-time records. In comparison, production from the 105,000 acres irrigated in 1906 was valued at £500,000.

WATER CONSERVATION PROJECTS.

Construction of Big Eildon Dam, the largest so far built in the Southern Hemisphere, and one of the large earth dams of the world, has been completed.

Construction of Cairn Curran Dam on the Loddon River has been resumed and should be completed in the coming year. Good progress is being made on the transfer of Tallangatta township to its new site at Bolga, and on the construction of the Tarago River diversion works which will increase water supplies to the Mornington Peninsula.

Duplication of the Goulburn-Waranga Channel is nearing completion.

TOWN SUPPLIES.

Towns in the State having a reticulated water supply number 273 with a total population of 654,810. Of these towns, 130 are administered by the Commission and the balance, 143, by local governing bodies.

SOLDIER SETTLEMENT.

Extension of the Robinvale Soldier Settlement of 246 blocks is in the final stage, and 216 blocks are now occupied. In the Murray Valley Irrigation District, the Soldier Settlement area is being increased by an additional 41 blocks. Water was supplied to seventeen new Soldier Settlement blocks in the Central Gippsland Irrigation District during the year.

FINANCE.

The total receipts for water rates and charges for the financial year 1954-55, amounted to a record of £1,713,165, the previous highest collection being £1,657,209 in 1953-54. Other receipts amounted to £819,781.

The net Loan Liability of the State for works of water supply and drainage at 30th June, 1955, was £80,918,141 exclusive of the equity in National Debt Sinking Fund.

Of the net Loan Liability at 30th June, 1955, £4,167,697 is charged to Waterworks Trusts and other Local Governing Bodies; £2,980,746 is debited to districts directly controlled by the Commission and to the Central Plant Workshops, Bendigo; £1,497,342 is debited to the Plant and Machinery Account; £41,030 to River Improvement Trusts; £559,569 to Latrobe Valley Drainage; and the balance, £71,671,757 is borne by the State.

The total Interest Charges for 1953-55 amounted to £2,904,199.

Waterworks Trusts and Local Governing Bodies paid to the Treasury as interest on loans the sum of £123,387.

In addition, Interest amounting to £63,649 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 operation for the year resulted in a net loss of £132,997 after providing for interest, redemption, and depreciation.

A loss of £250,467 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 £3,002,178.

The value of stores and equipment held in the Stores Suspense Account as at 30th June, 1955, was £1.133.042.

The value of moveable plant and machinery held in the Plant and Machinery Account as at 30th June, 1955, was £1,497,342.

A sum of £120,475 was paid into Consolidated Revenue in respect of depreciation payments by Commission's Districts for the year 1954-55.

The amount at credit of Water Supply Plant and Machinery Depreciation Fund as at 30th June, 1955, was £633.633.

The arrears of water rates and charges outstanding at 30th June, 1955, was £304,978.

The amount included in the Budget Estimate for 1955-56 for Vote Expenditure on works and services under the control of the Commission is £3,013,800. This amount is £250,600 less than the Commission's estimated requirements.

RATING.

The total net annual valuation of properties within Irrigation and Waterworks Districts and Urban Districts and divisions thereof, including the Coliban System, amounted to £7,127,013.

The total number of rating assessments in the districts supplied with water by the Commission is 96,240, and the total number of assessments in Drainage and Flood Protection Districts is 7,302.

PART I.—GENERAL.

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

The Commission constituted under the provisions of that Act was probably the first corporate body of its kind ever set up to investigate, develop, and control the water resources of a sovereign State.

The Commission has since its constitution followed a vigorous policy of water conservation and in its 50 years of operation very great progress has been made. When the Commission came into existence upon the passing of the 1905 Water Act, the total storage capacity of the State's reservoirs, apart from those controlled by the Melbourne and Metropolitan Board of Works, was in the vicinity of 200,000 acre feet. To-day the Commission's storages have a capacity of no less than 4,808,000 acre feet, and when works now under construction are completed, the total capacity will considerably exceed 5,000,000 acre feet. The water is stored in 37 large and 240 subsidiary reservoirs.

The capital expenditure on country water supplies in all categories has increased from £6,000,000 in 1905 to £84,000,000 to-day, and during the same period the expansion of rural water supplies has progressed so well that now more than 14 million acres of the State's 56,245,760 acres are artificially supplied with water for domestic, stock or irrigation purposes. In 1905 the area irrigated was 105,000 acres. To-day it has reached 864,000 acres, the production from which is worth approximately £40,000,000 per year.

Another extremely important phase of the Commission's work has been the provision of reticulated supplies to country towns throughout the State, either directly or through waterworks trusts, and to-day 273 towns with a combined population of over 600,000 have assured domestic water supplies.

The Commission supervises also the Authorities responsible for the installation of sewerage systems in country towns, and, although this work is in its early stages, 60 country towns either have sewerage systems operating or partly operating, or have Authorities constituted to install sewerage. The population of these towns is 350,000.

The Commission has been continuously engaged upon the carrying out of surveys and gaugings to ascertain the nature and extent of available water resources, the investigation and development of new projects of water conservation and distribution, the furnishing of advice to occupiers of farmlands with regard to water supply, irrigation and drainage, better water use, weed control, and many other matters associated with water conservation and distribution.

It has also done a considerable amount of work on drainage and flood protection and, with local Trusts, on river improvement throughout the State.

The work of the Commission since its establishment has always been developmental, but from time to time it has carried out works which have been so spectacular that they have highlighted the Commission's operations.

The first major storage completed after the constitution of the Commission was the Waranga Reservoir in 1909 which had been started some years earlier by the Water Supply Department. It was in 1909 also that the Commission introduced a policy in water supply which has proved outstandingly successful, that is, compulsory charges for water for irrigation whether it is used or not.

Mr. Elwood Mead who was then Chairman of the Commission, and had been for the eight years previous to his appointment to the Commission, Chief of the Irrigation Investigations Bureau in the U.S. Department of Agriculture, stated that a compulsory charge for water and apportioned water rights together with closer settlement was the most potent influence to make men learn how to use available water properly. This system compelled those owning lands in irrigation areas to make use of their advantages or to sell to those who would and thus put an end to land holding practices which left vast tracts undeveloped for speculative purposes.

Mr. Mead also insisted that the irrigation authority should have control of the acquisition and subdivision of land in the irrigation area because of the intimate connexion of this work with the construction of water supply projects.

From 1913 to 1933 the Commission was the statutory Closer Settlement Authority for irrigated areas in Victoria, and during that period irrigated closer and soldier settlements were established at Merbein, Tongala, Rochester, Shepparton, Stanhope, Werribee, Central Gippsland, and elsewhere. In 1921 the largest soldier settlement in Australia, and probably one of the most successful in the world, was established by the Commission at Red Cliffs.

The original Eildon Reservoir was completed in 1927. Glenmaggie Reservoir in Gippsland was brought into full use in 1926, and during the period 1920 to 1929 the Commission commenced the supply of water for domestic purposes to the Bellarine and Mornington Peninsulas on either side of Port Phillip Bay, and in 1937 to the important Western District Towns from a catchment in the Otway Ranges. In 1941 came the important reservoir at Lauriston to safeguard the Coliban water supply system against periods of low rainfall.

More recently Rocklands Dam on the headwaters of the Glenelg River was completed, thus safeguarding against drought the vast domestic and stock water supply system of the Wimmera and Mallee.

It is fitting, however, that the Commission's greatest work, the new Eildon Dam, should have been completed just 50 years after the passing of the 1905 Water Act. This colossal dam, the largest so far built in the Southern Hemisphere and one of the large earth dams of the world, has more than doubled the reservoir capacities of this State and is a worthy achievement to mark the completion of the first 50 years of the work of the State Rivers and Water Supply Commission.

RIVER MURRAY COMMISSION.

The River Murray Commission was constituted under the River Murray Agreement which was ratified in its original form in 1915. The Agreement was made between the Commonwealth and the States of New South Wales, Victoria, and South Australia for the purpose of conserving and utilizing to the best advantage the waters of the River Murray.

The Commission consists of four members representative of the Governments which are parties to the Agreement. Mr. L. R. East has represented the State of Victoria on the River Murray Commission since 1st November, 1936.

Responsibility of the River Murray Commission is to implement the provisions of the Agreement with regard to the construction, maintenance, and operation of specified water conservation works on the River Murray. The works constructed under the Agreement comprise the Hume Dam, the Lake Victoria Storage, the Murray Mouth Barrages, thirteen weirs and locks on the Murray from Blanchetown, South Australia, to Torrumbarry, the Yarrawonga Diversion Weir, and two flood diversion weirs on the lower Murrumbidgee River which is also included in the Agreement.

At the end of June, the total amount expended by the River Murray Commission through the various States acting as constructing authorities was £13,860,000. This expenditure has been met in equal parts by the four Governments concerned.

Hume Reservoir Enlargement.

The Hume Reservoir which was commenced in 1919 was originally completed to a storage capacity of 1,250,000 acre feet in 1936, with provision in its design for later enlargement to 2,000,000 acre feet. The enlargement to 2,000,000 acre feet was authorized by an amendment to the River Murray Agreement in 1948, and the necessary works on the Hume embankments involving the enlargement of the main embankment profile and the construction of two new embankments across the saddles on the Victorian side have been completed. Storage of water to the 2,000,000 acre feet level cannot, however, be effected before the completion of certain road and railway deviations adjacent to the reservoir, together with the removal of Tallangatta township to a position above the new water supply level.

In 1954, the River Murray Agreement was amended to provide a further enlargement of the Hume Reservoir to 2,500,000 acre feet which is considered to be the maximum capacity economically justifiable for irrigation development, including drought protection to the irrigation areas on either side of the River Murray downstream from the reservoir.

The spillway crest of the dam has already been raised to a sufficient height to enable an intermediate storage capacity of 1,382,000 acre feet to be obtained. The necessary works to increase the storage capacity to 2,500,000 acre feet will be carried out as a continuous operation following upon the works for the 2,000,000 acre feet capacity. The dam's subsidiary embankments will be raised and the main embankment will be widened with rockfill. A concrete parapet wall will be constructed along the crest of the dam to provide necessary additional freeboard. The spillway crest will be raised and vertical lift gates approximately 24 feet high will be installed on the crest of the dam to hold water at the new full supply level (R.L. 636 feet) which will be 20 feet above the level storing 1,250,000 acre feet. Those works are being carried out by New South Wales which is also constructing, on behalf of New South Wales and Victoria, a hydro-electric power station at Hume to house two 25,000 kw. turbo generators.

Tallangatta Township Removal.

As referred to more fully in another part of this report, the State Rivers and Water Supply Commission is carrying out the work of transferring the township of Tallangatta from its original site, which will be submerged by the waters of the enlarged Hume Reservoir, to a site at Bolga $4\frac{1}{2}$ miles distant.

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE.

The International Commission on Irrigation and Drainage, constituted in 1950, is an international organization for the purpose of pooling experience in the engineering, economic, and social aspects of irrigation and drainage for the mutual benefit of the participating countries. More than twenty countries, including Australia, have been admitted to membership.

The constitution of the International Commission provides for the setting up of National Committees within the member countries, and accordingly an Australian National Committee was set up in 1953 comprising representatives of Statutory Authorities, Government Departments, firms, and individuals actively interested in irrigation and drainage. The State Rivers and Water Supply Commission is a member organization and is represented on the Committee by Mr. L. R. East.

At the annual meeting of the Australian National Committee held in Melbourne in October, 1954, Mr. R. A. Young, Commissioner of the Water Conservation and Irrigation Commission of New South Wales, reported on the Second Congress of the International Commission on Irrigation and Drainage held in Algiers in April, 1954, which he attended as official Australian representative.

Mr. K. A. Murley, an assistant engineer of the State Rivers and Water Supply Commission, also attended this Congress as an official observer whilst on leave of absence, and his report on the proceedings and the study tours which followed has now been printed as a Technical Bulletin of the State Rivers and Water Supply Commission.

The Sixth Meeting of the International Executive Council was held in Montreaux, Switzerland, on the 31st May, 1955, and was attended by Mr. C. L. Sanders, Chief Constructional Engineer of the Commission, as the official Australian representative.

At the meeting eight more countries were accepted as members, bringing the total number of participating countries to over 30.

The executive Council Meeting was followed by a one-day tour of irrigation and drainage works in the Upper Rhone Valley.

Arrangements are being made for the Third Congress to be held in the United States of America in 1957. The sessions will be held in San Francisco with the closing session at Los Angeles. Study tours will follow the Congress.

SNOWY MOUNTAINS HYDRO-ELECTRIC SCHEME ADVISORY COUNCIL.

Pending finalization of an agreement between the Governments concerned in the Snowy Mountains Hydro-Electric Scheme, a co-ordinating Interim Advisory Council was set up in 1953 comprising representatives of the Commonwealth, the States of New South Wales, and Victoria, and the Snowy Mountains Hydro-Electric Authority.

The Chairman of the State Rivers and Water Supply Commission, Mr. L. R. East, is one of the two members representing the State of Victoria on the Interim Advisory Council which has met on a number of occasions during the year to consider and report on important matters associated with the development of the project.

LATROBE VALLEY WATER AND SEWERAGE BOARD.

The Latrobe Valley Water and Sewerage Board was constituted on 1st July, 1954, to construct and manage water supply works and an outfall sewer in the Latrobe Valley.

Prior to that date the planning of the water supply had been carried out by the State Rivers and Water Supply Commission following the initial work undertaken by the State Electricity Commission. Planning of the main outfall sewer was commenced by Messrs. Candy, Scott, and Furphy, Consulting Engineers, under the direction of the State Rivers and Water Supply Commission.

The members of the Board are Mr. J. B. Mulvany, Manager and Chairman; Mr. A. D. Sambell, State Electricity Commission (appointed by the Governor in Council); Mr. T. P. Jensen, Gas and Fuel Corporation (appointed by the Governor in Council); Mr. I. G. Baker, State Treasury Department (appointed by the Governor in Council); Mr. A. G. Burnett (elected by the Latrobe River Improvement Trust); Mr. J. T. Riley (elected by Waterworks Trusts); and Mr. P. P. Kelly (elected by Sewerage Authorities).

The Board is responsible for large scale water supplies to governmental instrumentalities and to industries in the Latrobe Valley and for the provision of works for the disposal of industrial and domestic wastes. The preparation of plans and specifications for the main outfall sewer have been continued for the Board by Messrs. Candy, Scott, and Furphy.

PARLIAMENTARY PUBLIC WORKS COMMITTEE.

The Parliamentary Public Works Committee, during the year, inquired into two matters with which the Commission was concerned.

BARWON RIVER INQUIRY.

The Committee on 5th January, 1954, was asked-

- (a) To inquire into and report as to the present position in regard to the condition of the Barwon River and its tributaries, with special reference to the effect of the "breakwaters" across the lower Barwon River and the drainage of Lough Calvert and other inland basins into the Barwon River, and to report as to what action is necessary to provide for the carrying out and effective maintenance of comprehensive river improvement and drainage works within the catchments of these streams.
- (b) Also to report as to the estimated cost of any action recommended.
- (c) Any other matters which may appear to the Committee to be relevant to the inquiry.

The investigation is proceeding and the Commission and its officers have submitted evidence to the Committee which has made inspections during the course of its inquiries.

MORNINGTON PENINSULA WATER SUPPLY.

The Committee was also requested on 30th April, 1954, to inquire into the question of transfer of portion of the Mornington Peninsula Waterworks District from the Commission to the control of the Melbourne and Metropolitan Board of Works.

The terms of reference are:—

(a) Whether, having regard to the water supply resources available to the Melbourne and Metropolitan Board of Works and the State Rivers and Water Supply Commission, and to the rapidly increasing demands upon the Mornington Peninsula System of the State Rivers and Water Supply Commission, it would be practicable and desirable to supply the whole or part of the urban area to the south and east of the metropolis and more particularly between the Mordialloc Creek and Frankston with water from the Metropolitan water supply system under the control of the Melbourne and Metropolitan Board of Works?

- (b) What part, if any, of the Mornington Peninsula Waterworks District now under the control of the State Rivers and Water Supply Commission for water supply and main drainage purposes could with advantage be excised from that District and included in the Metropolitan area, under the control of the Melbourne and Metropolitan Board of Works, for water supply, main drainage, and sewerage purposes?
- (c) Any other matters which appear to the Committee to be relevant to the inquiry.
- On 19th April, 1955, the Committee made the following recommendations:
 - 1. That, as soon as possible, that portion of the Mornington Peninsula Water Supply District at present under the control of the State Rivers and Water Supply Commission, which includes the Springvale-Dandenong and the Chelsea-Frankston urban areas, be excised from such District and included in the metropolitan area under the control of the Melbourne and Metropolitan Board of Works; and
 - 2. That the precise areas to be transferred and the dates of suth transfers be determined by mutual agreement between the Commission and the Board.

The Commission and the Board are now conferring with regard to the matter with a view to making specific recommendations to the Government.

IRRIGATION PRODUCTION 1953-54.

GENERAL.

The area irrigated in 1954–55 was 864,000 acres, 40,000 acres more than the previous record in 1953–54 and over eight times as great as the area of 105,000 acres irrigated in 1905–06.

Though there have been a number of minor trends over the period 1905-1955, there have been only two really significant developments.

First and foremost comes the development of sown pastures. The area sown was negligible 50 years ago. However, by 1944-45, there were 285,000 acres sown down, and at present sown pastures comprise 576,000 acres or 67 per cent. of the total area irrigated. Concurrently with this has come two minor trends, namely, the decrease in the proportion under lucerne, the total area of which is not very different now from what it was in 1905-06, and the declining relative importance of native pastures. In 1905-06, native pastures comprised 50 per cent. of the area irrigated, but though they occupy a much greater area now, they only comprise 10 per cent. of the total.

The second major development has been that the area of vineyards, orchards, and market gardens has increased by 500 per cent. over the period. Since these areas yield one-third of the value of production from irrigation, this trend has contributed in a large measure towards the success of irrigation in Victoria.

Standard Herd Tests have been carried out by the Victorian Department of Agriculture for a period of 40 years, and in recent years dairy herds in irrigation areas have always played a prominent part. This clearly emphasizes the suitability of irrigated pastures for dairying and the undoubted value of irrigation to Victoria's economy.

The first irrigation herd to win a championship was that of the late Honorable Trevor Harvey of Boisdale in 1923, and this success was followed up by the herds of Mr. P. J. Maloney of Tongala in 1928, 1929, 1934, and again in 1945. Mr. N. Enders of Stanhope was successful in 1931, Mrs. M. V. Stephens of Tongala in 1933, Mr. H. Jackson, of Lockington in 1944 and 1952, Mr. J. Stedman of Appin in 1948 and 1949, and Mr. J. A. Till in 1953. Mr. Jackson also shared first place with Mr. W. Dreschler of Swan Hill in 1954. Over the past ten years herds from the irrigation districts have won five championships. In the 1955 season, four of the first six places were won by herds from the irrigation districts. The reserve championship was won by the herd owned by Mr. J. A. Till of Tongala.

PRODUCTION.

The estimated gross value of production in Irrigation Districts in 1953–54—the last complete year for which information is available—was £39,725,000 and in areas irrigated by private diverters £4,675,000, a total of £44,400,000 made up as follows:—

A.	Irrigation Districts.					
			Live stock		£	£
	Milk and Milk Products			 	10,275,000	
	Beef and Veal Meats			 	3,625,000	
	Wool, Lamb, and Muttor	ı		 	6,200,000	
	Pigmeats			 •.•	1,950,000	
	Poultry and Eggs			 	1,700,000	
						23,750,000
		$H\epsilon$	orticulture.			
	Dried Vine Fruits			 	5,450,000	
	Table and Wine Grapes			 	225,000	
	Canning Fruits			 	3,100,000	
	Fresh and Jam Fruits		• •	 	950,000	
	Citrus Fruits			 	925,000	
						10,650,000
	Vegetables			 		2,800,000
	Other Primary Products		• •	 	• •	2,525,000
						39,725,000
В.	Private Diverters		• •	 		4,675,000
	Total			 		44,400,000

It is of interest to know that although the irrigated areas of Victoria represent about one-seventieth of the State, they produce one-seventh of Victoria's primary production.

About 20 per cent. of the value of production by private diverters came from vegetable growing, 10 per cent. each from vine fruits and other fruits, and practically all the remaining 60 per cent. from livestock products.

In the irrigation districts, the total value was £2,700,000 above the figures for 1952–53. The major increases were in milk and milk products (£1,300,000) due to an increase in dairy cattle numbers; beef and veal meats (£1,200,000) owing to higher slaughter ratios; wool, lamb, and mutton (£400,000) mainly because of higher prices; and canned and fresh fruits (£1,650,000) largely owing to an increase in canned fruit output from 47,000 tons to 75,000 tons. The major decrease was in returns from dried fruits (£1,150,000) because of a smaller crop and lower prices, and vegetables (£1,000,000) due to a reduction in the area irrigated from 13,076 to 9,818 acres.

The major changes in livestock numbers were increases in pig and lamb numbers of 33 per cent. and 30 per cent. respectively. However, all livestock numbers increased to some degree, and the "sheep equivalent" per irrigated acre of pasture and forage crops increased by 6 per cent.

Production in the Wimmera-Mallee Domestic and Stock System in 1953–54 was £34,325,000 compared with £40,500,000 in 1952–53. The decrease was mainly in returns from wheat (down £5,500,000) owing to a fall in the price of wheat, and from wool (down £1,000,000) because of a lower wool clip.

In the Koo-wee-rup-Cardinia Drainage Districts production in 1953-54 was $\pounds 3,000,000$ which was almost the same as the 1952-53 figure.

IRRIGATION PRODUCTION AND DEVELOPMENT—SEASON 1954-55.

SEASONAL CONDITIONS.

Fairly dry conditions prevailed in spring, resulting in heavy water use in the irrigation districts. Despite heavy rains in February, the water use for the rest of the season was up to the average and the final figures for water deliveries again set an all time record.

The Valencia orange crop was somewhat lighter, but the Navel crop was satisfactory. The February rains caused losses from brown rot in peaches, and some losses of young fruit trees in the Goulburn Valley. The dried vine fruit season was difficult; early humid conditions caused losses from fungus diseases, while the later rains caused heavy losses at harvest, and resulted in lower quality fruit. Apricots and pears were above average in quantity and quality.

Stock numbers throughout the State were well above average resulting from the favourable season.

DISTRICT APPEAL BOARDS.

During the year appeals from landowners in the Kerang, Third Lake, Maffra-Sale, Central Gippsland, and Murray Valley Irrigation Districts, against the description of land and water right apportionment in the District Registers of Lands were received, and were considered by Appeal Boards on which the Commission, the Department of Agriculture and the district irrigators each have a representative.

SOLDIER SETTLEMENT.

Preparation of areas for occupation by soldier settlers is nearing completion in the Murray Valley Irrigation District while good progress has been made in the Central Gippsland Irrigation District. In the Horsham area, land preparation for irrigation was commenced, but heavy autumn rains interfered with pasture sowing.

AGRICULTURAL RESEARCH AND EXTENSION.

Agricultural problems which are specifically related to irrigation were dealt with by the Commission's Irrigation Branch.

In the Nyah-Woorinen and Tyntynder areas, investigations into problems of irrigated agriculture were continued by Joint Committees, comprising representatives of this Commission, the Department of Agriculture, the Commonwealth Scientific and Industrial Research Organization, and local irrigators. In this connexion, the Swan Hill irrigators have made a forward move in purchasing a farm at Tyntynder, to be used for experimental purposes, and the Commission is co-operating in this work.

Experiments on the reclamation of salty land were continued in conjunction with the Department of Agriculture. Although shortage of staff has handicapped experimental work at Bundalaguah, the improvement in cover has been maintained on both plots. At Corop, leaching experiments have made steady progress in reclaiming salt-affected land.

Irrigation facilities were extended to the Department of Agriculture for experimental plots in a number of districts. In the Murray Valley Irrigation District, six plots have now been established out of a projected twelve, which aim at covering the major district soil types. That Department continued experiments with trace elements on some twenty sites, spread over the irrigation districts to cover a wide range of soil conditions. Two experiments were also conducted on the use of rock phosphate. The Commission granted additional water to all these plots.

Soil Survey and Land Classification.

In conjunction with the Department of Agriculture, field work on the soil surveys of Tragowel Plains, Calivil, and Dingee Irrigation Districts was completed, and preliminary reports and working plans were prepared for the whole of this area. Field work on the soil survey of the South Shepparton Irrigation District was completed, while work is still in progress in North Shepparton.

Smaller areas of some 4,000 acres and 1,700 acres respectively were surveyed for soldier settlement at Horsham and Murtoa. The final eight blocks in the subdivision for Robinvale Irrigation District were also soil surveyed.

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

COMMITTEE OF INQUIRY, MID-MURRAY DRIED FRUITS AREA.

The Interstate Committee set up by the Commonwealth Government and the Governments of Victoria and New South Wales last year concluded its investigations, and presented its report to the Governments concerned in June. The Commission was represented on this Committee by its Chief Irrigation Officer, Mr. A. L. Tisdall.

WEED CONTROL.

In recent years the problem of maintaining weed and silt-free channels has received a great deal of attention and as a result a number of new chemical and mechanical methods have been developed.

One of the most important chemical developments during the year has been the discovery of a method for controlling the submersed weeds which block supply channels in the Torrumbarry system. The chemical used is a mixture of 2, 4-D hormone spray and finely-ground sulphur; in this mixture the sulphur acts as a carrier which sticks the 2, 4-D weedkiller to the submersed weeds enabling the weedkiller to act effectively. This technique has been successfully tested on a practical scale at Fish Point in the Swan Hill Centre and arrangements have been made for its widespread application in the Torrumbarry System.

Recent experiments on the control of cane grass have also given encouraging results, and although these results have not yet been confirmed in practice, there seems little doubt that economical chemical control of this weed is now possible.

Methods for the treatment of cumbungi are now well established in the Commission's districts and chemical control has become the standard method for handling this weed. The Branch has kept a close watch on the spraying being carried out in the Districts and as a result the conditions required for the effective control of cumbungi can be accurately defined.

In addition to the weeds mentioned above, chemical control methods are now known for a number of other weeds including jointed rush, common water milfoil, red azolla, buttonweed, willows, and algal slime.

In order to apply these chemicals in the most efficient way, ten irrigation districts have been equipped with power spray units combined with modified Furphy water carts. These spray units have been specially designed and fabricated for channel spraying; they are tractor attachments and are capable of spraying 4 miles of channel per day.

Water couch grass is the only major weed for which a control method is not known. This is a particularly serious and widespread weed which is the cause of most blockages in drainage systems, but until an effective and safe chemical is developed, water couch must be handled by mechanical methods.

The Commission's Mechanical Branch has tested many new mechanical methods of clearing channels, and the most successful implements have now been incorporated in maintenance equipment. These include both large and small machines such as weed launches, the New Zealand weed bucket attachment for a dragline excavator, the Pyramid Hill weed rake and the Cranvel hoe. Each of these implements has a particular use, and in their own spheres they have all helped to improve the over-all maintenance position.

It should be stressed that although chemicals are certain to earn an increasing place in maintenance programmes they will never entirely replace mechanical methods of control. The ultimate objective of chemical control is to find a method for destroying all the vigorously growing weeds, thereby reducing the frequency of mechanical operations and increasing their effectiveness.

The work being carried out on weed control is becoming more widely known, and this is evidenced by the large number of inquiries which have been received by the Commission from primary producers, official organizations, and commercial companies.

GROUND WATER SURVEY.

Ground water records have been continued in the Murray Valley, Tongala, Werribee, Central Gippsland, and Maffra-Sale Irrigation District. These records show that much has still to be learnt about the factors governing the movement of ground water in Victorian Irrigation Districts before the results can be interpreted with any confidence. More data will be sought on the geomorphology and hydrology of the irrigated areas.

Modern techniques are now being adopted for exploration of the deeper aquifers.

During the 1954–55 season, piezometers were installed in various places to show hydrostatic pressures at different levels below ground surface. In this way useful information on seepage from unlined channels through shallow sub-surface sand drifts in the Murray Valley Irrigation District was obtained.

A test length of channel lining composed of a thin bituminous membrane approximately an eighth of an inch thick which was buried 12 to 18 inches below the surface was successful in reducing seepage and lowering the local water table.

WATER UTILIZATION.

Surveys of irrigation water requirement of various crops were continued. Following work on permanent pastures in the Rochester District last year, investigations on a variety of crops were commenced in the Rodney and Shepparton Irrigation Districts, and are still in progress. These surveys were designed to obtain information on the water requirement of the main irrigated crops under varying conditions of soil and climate.

In Red Cliffs-Merbein Irrigation District, special attention was given to irrigation and drainage problems. In Red Cliffs investigations were made of the runoff through tile drains in relation to the amount of water applied, both on individual blocks and also on a district-wide basis, while in both districts many problems of irrigation and drainage design on individual holdings were dealt with. The compilation of a complete record of internal tile drainage installations in the districts was commenced.

EXTENSION ACTIVITIES.

Extension work aimed at increasing the efficiency of water use on farms was continued. In October the Commission co-operated with the Department of Agriculture and the Commonwealth Scientific and Industrial Research Organization in conducting a School on Irrigated Pastures and Fodder Crops, which was primarily designed for departmental officers engaged on administration, research, and extension in irrigation districts. The school extended over nine days, and included lectures, demonstrations, and a tour of inspection of many irrigation districts in Victoria. It was attended by over 80 delegates drawn mainly from State and Federal authorities, but also from New Zealand and Tanganyika. All States were represented.

During the year, the Mobile Extension Unit, organized by the Department of Agriculture, visited most of the irrigation districts in the State, and talks were given by Commission officers in each district.

The need for irrigation efficiency was also stressed through the use of published articles, addresses to irrigators' organizations, and exhibits prepared for country agricultural shows

ADVISORY BOARDS CONFERENCE.

Members of gravitational district Advisory Boards met the State Rivers and Water Supply Commission in conference at Marysville on the 23rd and 24th June, 1955, to discuss water conservation and utilization, channel construction, channel maintenance, water allocation, doinestic and stock supplies, drainage, private subdivisions, and other matters with which Advisory Boards are concerned.

The conference was officially opened by the Minister of Water Supply, the Honorable W. J. Mibus, M.L.A. In addition to the Commissioners and senior officers of the Commission, delegates were present from Boort, Calivil, Cohuna, Deakin, Dingee, Fish Point, Katandra, Kerang, Koondrook, Maffra-Sale, Murray Valley, Mystic Park, Rodney, Rochester, Shepparton, South Shepparton, North Shepparton, Swan Hill, Tongala-Stanhope, Tragowel Plains, Third Lake, Werribee, and Woorinen Advisory Boards.

An agenda paper containing 50 items covering many aspects of water conservation and utilization was discussed and many resolutions were passed at the conference.

FARM WATER SUPPLIES.

Since the establishment in 1944 of the Farm Water Supplies Branch of the Commission, which has only one inspector, more than 500 inspections have been made on individual properties.

Many public meetings have been attended to give general advice on development of farm water supplies on individual holdings, and 1,400 inquiries have been dealt with by correspondence in addition to 2,000 personal interviews.

Since the advisory service to landholders on water supply, irrigation, and drainage was commenced in 1951 following an amendment of the Water Act which authorized the Commission to carry out such work on individual holdings, the Branch has dealt with an average of 244 cases every year.

In addition to general advice on the development of farm water supplies on individual holdings and on irrigation and drainage, the Commission has also arranged for the analysis of water supplies to determine their suitability either for domestic or for irrigation purposes, and suggestions have been made with regard to the clarification and treatment of various types of water.

The Commission's publications on Farm Water Supplies, Farm Irrigation and Drainage, and Construction of Weirs on Streams by Landholders, have been in very keen demand not only by landholders within Victoria but also by farmers in other parts of the Commonwealth.

DISTRICT EXTENSIONS, EXCISIONS, AND ALTERATIONS.

The Robinvale Irrigation District was extended to include an area of 2,070 acres commanded by an extension of the Commission's pipe-line system. Of this area 780 acres were transferred from the Tyntynder North Waterworks District.

An area of 240 acres was excised from the Murray Valley Irrigation District and added to the Numurkah Urban District of the Shire of Numurkah Waterworks Trust, and an area of 46 acres of rural lands within the Numurkah Urban District was transferred to the Murray Valley Irrigation District.

Some 130 acres of isolated river frontage lands in the Deakin Irrigation District were excised from that District and added to the adjoining Tongala-Stanhope Irrigation District.

An area of 510 acres was excised from the Tyrrell Waterworks District and added to the Tyrrell West Waterworks District in order to facilitate the administration of the area.

The Long Lake, Tyntynder North, and Wychitella Waterworks Districts were extended to include areas of 2,200 acres, 2,850 acres, and 650 acres respectively benefited by the Commission's works. The area added to the Wychitella Waterworks District included an area of 310 acres transferred from the West Loddon Waterworks District.

Areas of some 1,500,000 acres and 1,200 acres not supplied by the Commission's works, were excised from the Walpeup West and Millewa Waterworks Districts respectively.

The Hindmarsh Waterworks District was extended to include an area of 640 acres supplied by the Commission's works. This area was excised from the Waterworks District of the Lowan Shire Waterworks Trust.

URBAN DISTRICTS.

The boundaries of the Wycheproof Urban District were extended to include an area of 30 acres served by an extension of the reticulation system of that District.

Small areas in the vicinity of townships, which have been subdivided into building lots, have been excised from Rochester, Rodney, and Werribee Irrigation Districts and added to Lockington Urban District, Kyabram Trust (Urban) District, and Werribee Shire Council (Water Supply) District respectively.

An area of $7\frac{1}{2}$ acres, being the property of the Education Department, was excised from Tragowel Plains Irrigation District and added to the Pyramid Hill Urban District.

ADMINISTRATION.

RETIREMENTS.

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

Mr. W. Lambert, Chief Finance Officer; Mr. H. F. Byham, District Engineer; Mr. J. M. Mathew, Superintendent of Testing and Research; Mr. A. D. G. Brown, Chief Clerk; Messrs. G. E. Iredale, L. G. Taylor, H. H. Stanlake, and W. Carleton, Clerks; Mr. D. B. Anderson, Assistant Engineer; Miss M. B. Williams, Draughtswoman; Messrs. P. F. Nash and B. R. Hutton, Assistants; Mr. J. G. Sealey, Senior Ranger; Mr. P. Wade, Reservoir Keeper; Mr. F. K. Smith, Senior Water Bailiff; Messrs. C. Clayton, J. O. Douglas, A. L. Palling, and C. A. Tickner, Water Bailiffs; and Mr. W. J. B. Edwards, Departmental Chauffeur.

RESIGNATIONS.

During the year 92 officers and employees resigned from the Commission's service, of whom 16 were engineers and surveyors, 11 were draughtsmen or draughtswomen, 23 were clerks, 24 were typists, 7 were bailiffs, and 11 other officers and employees.

DEATHS.

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

K. F. Cowden and R. K. McDonald, Draughtsmen; H. W. Brierley, Senior Inspector; R. J. Harding, Inspector; and C. A. Rapsey, Reservoir Keeper.

STAFF.

When the Commission was constituted in 1906, the Minister of the day authorized the Commission to use the services of 71 officers of the Water Supply Department in order to enable it to commence operations. Most of these officers were subsequently permanently transferred to the staff of the Commission. The Commission's responsibilities have been greatly increased by development and by legislation since then and some indication of the expansion of the Commission's activities may be gauged from the fact that as shown in the statement hereunder, the Commission now has on its staff 1,353 officers.

STAFF AND EMPLOYMENT FIGURES AS AT 30TH JUNE, 1953, 1954, AND 1955.

	As at	30th June,	1953.	As at	30th June	, 1954.	· As at	, 1955.	
	Per- manent.	Tem- porary.	Total.	Per- manent.	Tem- pora r	Total.	Per- manent.	Tem- porary.	Total.
Engineering— Staff, possessing professional qualifications, engaged on engineering, draughting, research, and surveying Draughting (Technical and General)	303	•		$\frac{298}{2}$	• •		294 3		
Total Inspectors, Water Bailiffs, Rangers, &c., engaged on District Operating and	306	83	389	300	84	384	297	81	378
Maintenance Excavator Supervisors, Chainmen, Time- keepers, &c., engaged on Construction	350	102	452	357	98	455	361	99	460
and Plant Maintenance	9	23	32	. 9	32	41	15	29	44
Administration and Accounting— Clerks and Accountants Assistants (Technical and General)	168 79	! 		170 79			175 78		
Total Typists, Messengers, &c	247 38	94 43	341 81	249 34	76 49	325 83	253 37	86 49	339 86
Other Categories— Laboratory Assistants, Tradesmen, Motor Drivers, &c.	25	15	40	24	17	41	27	19	46
Totals	975	360	1,335	973	356	1,329	990	363	1,353
Casual Labour— Construction (Day Labour and Contract) District Maintenance			2,247 706			3,109 883			3,559 895
Totals			4,288			5,321	-		5,807

STAFF TURNOVER.

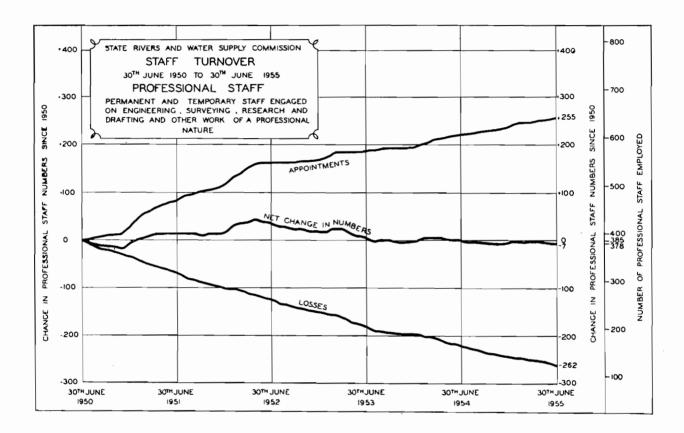
The following graphs indicate the position in regard to losses of professional and clerical staff by retirement, resignation, and death over the past five years since June, 1950.

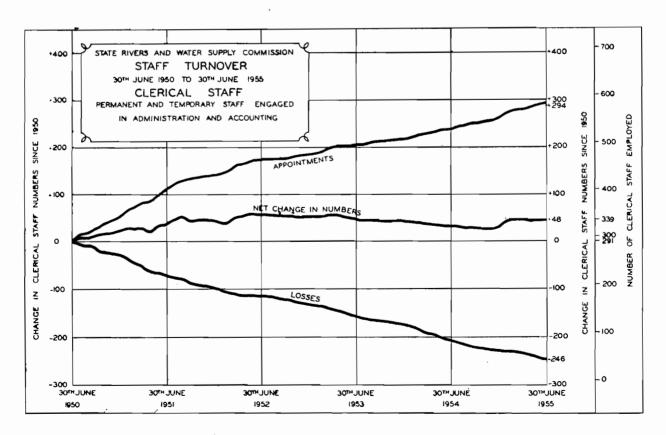
It will be noted that, although only 385 officers were employed on professional work and 291 on clerical and accounting work at 30th June, 1950, losses in the following five years amounted to 262 professional men and 246 clerical men.

Speaking generally, the only persons available for new appointments to fill the vacancies have been men with little or no experience prior to their appointment, and, as much of the work of the Commission is of highly specialized character, the over-all effectiveness of its organization has been substantially reduced over the period.

It has been estimated that it costs industry from £30 to £250 every time a workman leaves, and there is consequently a sound monetary reason for endeavouring to reduce the number of departures.

The cost to the community when a planning and construction organization loses skilled and experienced professional and administrative officers is probably at least several times the higher figure quoted above, so that, altogether apart from failure to receive benefits from projects postponed or delayed because of loss of staff, the cost to the community of the staff losses incurred by the Commission has probably been not less than £500,000 over the past five years.





OVERSEAS MISSION 1955.

On the recommendation of the Commission, the Government approved of an overseas investigation being made by the Commission's Chief Constructional Engineer, Mr. C. L. Sanders.

Mr. Sanders was required to investigate prestressing in reinforced concrete including its practical application, the construction methods used on small and medium sized dams and weirs with particular reference to structures on pervious foundations, the operating mechanisms of reservoir outlet control works, and channel lining construction methods including precast linings.

Mr. Sanders left Australia on the 11th April, 1955, and visited Great Britain, Europe, and later the United States of America.

Mr. Sanders was joined in London by Mr. K. A. Murley, one of the Commission's Assistant Engineers, who had been gaining overseas engineering experience while on leave in Great Britain after representing the Commission at an International Irrigation and Drainage Congress in North Africa. Mr. Murley remained with Mr. Sanders until the end of his investigations.

Mr. Sanders attended the Fifth Congress on Large Dams in France and an Executive Council Meeting of the International Commission on Large Dams, as representative of the Australian National Committee. He also attended an Executive Council Meeting of the International Commission on Irrigation and Drainage in Switzerland as representative of the Australian National Committee.

Messrs. Sanders and Murley expect to return to Melbourne in August.

PART II.—WATER SUPPLY AND DRAINAGE.

WATER DISTRIBUTION.

Progress in Regulating Flow of Rivers During the Past 50 Years.

The principal irrigation storages at the time of the Commission's inception were the Laanecoorie Reservoir on the Loddon River, the Wartook Reservoir on the Mackenzie River, and Goulburn Weir, which though primarily a diversion weir, also provided some storage capacity.

There was no storage or weir at all on the River Murray, nor was there a major storage on the Goulburn River.

Weirs for diversion of stream flow were also situated on the Loddon at Bridgewater, Serpentine, and Kinypaniel. In addition there was a weir at the confluence of the Loddon and Pyramid Creeks, which, with regulators on the Sheepwash and Washpen Creeks, diverted water to the lakes in the Torrumbarry System west of the Loddon River. Water was also diverted from the Lerderderg at Bacchus Marsh and from the Campaspe.

On the River Murray, water was diverted by gravitation to the Gunbower Creek only at times of relatively high river, and thence conveyed to Kow Swamp Reservoir or direct to irrigated lands. Water was pumped for Mildura by the First Mildura Irrigation Trust and by Irrigation Trusts at Swan Hill, Cohuna, Benjeroop, Murrabit, Koondrook, and Myall.

The Commission extended diversion from the River Murray by erection of pumping plants at Swan Hill, Koondrook, Cohuna, and Nyah. This resulted in an expansion of irrigation, but development was limited through the lack of storages; in December, 1914, the river ceased to flow at Swan Hill.

Many years later the construction of Hume Reservoir and the River Murray weirs and locks made possible a very considerable increase in the annual diversions.

At the time of the inception of the Commission, irrigation in the Goulburn System was confined to water diverted from the natural flow at the Goulburn Weir and consequently development of irrigation was limited by the flow available in the driest months.

Although water deliveries were not fully measured in the early years of the Commission, the available information indicates that deliveries on the land in the Goulburn System amounted to 62,000 acre feet in 1906, the deliveries fluctuating considerably from year to year, according to seasonal conditions and the available flow.

In dry years such as 1907–08, 1913–14, and 1914–15, much greater areas of cereals and native grasses were watered and the total volume delivered was as high as 180,000 acre feet, but in the intervening years, the quantity of water used was only about half of this volume.

The water available by gravitation from Waranga Reservoir was exhausted early in the drought year of 1914, and it was decided to pump the water below gravitational level. Subsequently, the enlargement of the Waranga Reservoir was undertaken and completed in 1924. Water was first stored in Eildon Reservoir in 1922 during the construction of the dam.

In the 1920's, the annual deliveries of water steadily increased, and during the dry year of 1929-30, deliveries were at the very high figure of 361,000 acre feet.

For many years, the requirements were less than in 1929-30, but in 1937-38 and in the series of dry years commencing with 1940-41, the demand was such as to tax the available storage capacity to the limit.

The demands for water requirements in recent years have shown a greater trend to uniformity, and considerable quantities of irrigation water have been taken on to the land even in years of normal rainfall.

In 1954–55 deliveries of water in the Goulburn System amounted to 394,173 acre feet, which is more than six times as great as at the commencement of the Commission's conservation programme.

The volume of water deliveries to irrigation districts from the River Murray in the year 1906–07 was 70,000 acre feet, which figure soon doubled with the additional pumping plants at Swan Hill, Koondrook, Cohuna, and Nyah.

The construction of Hume Reservoir, Torrumbarry Weir, and Yarrawonga Weir progressively increased the diversion of water by the State, and in 1954–55 the deliveries of water to Victorian districts and to private diverters supplied from the River Murray amounted to 483,741 acre feet or nearly seven times the volume delivered at the inception of the Commission.

In southern Victoria, there were no State works for storage for irrigation purposes at the inception of the Commission, but since then storage works have been constructed on the Werribee and Macalister Rivers. From these systems a volume of 50,315 acre feet was delivered to irrigators in 1954–55.

PRIVATE DIVERSIONS.

In 1906 diversion of water for private purposes was authorized by licences issued by the Governor in Council, and there were only nine such licences.

Up to that time, full effect had not been given to the provisions of the *Water Act* 1886, vesting all natural waters in the Crown. The Commission observed that many unauthorized diversions were occurring, and that there was need of some form of annual authority, as well as long term licences.

An amendment of the 1905 Water Act was made in 1909, which empowered the Commission to issue annual permits to divert water from channels and natural sources of water supply.

Following this amendment, many annual permits were issued, and the Commission was able to assume effective control of private diversions, thereby preventing many of the conflicts which had occurred over the limited supplies in streams during dry periods.

The diversion of water by persons who assume full responsibility for pumping or other means of diversion has now attained major proportions in Victoria, and by 30th June, 1955, there were 4,284 licences and permits in existence.

These authorized the irrigation of 88,217 acres as well as the diversion of substantial volumes for industrial purposes in addition to domestic and stock requirements.

WATER DELIVERIES, 1954-55.

The total area of land supplied with water for irrigation purposes during the year, exclusive of the area supplied by the Melbourne and Metropolitan Board of Works, was 864,345 acres—an all time record.

The total quantities of the water used for irrigation in Victoria during the 1954-55 irrigation season was 1,070,433 acre feet, which exceeded the previous record of 1,011,556 acre feet established in the 1953-54 season.

Dry conditions were experienced in the winter of 1954 in northern irrigation areas and arrangements were made to commence irrigation in August, but rains occurred and obviated the need for irrigation at that time.

A heavy demand for irrigation occurred in late spring and early summer months, but rains of exceptional intensity in February caused a cessation of irrigation in most areas for a time. Following these rains, dry weather prevailed until May, and irrigation was continued beyond the end of the irrigation season on 30th April.

Delivery to Lands in Irrigation Districts.

The total quantity of water delivered for irrigation in all of the Commission's districts was 824,510 acre feet, including 65,384 acre feet by pumping in the Red Cliffs, Merbein, Robinvale, and Nyah Districts. In addition 40,701 acre feet were pumped by the First Mildura Trust for the irrigation areas under its control. The total volume delivered in all districts was therefore 865,211 acre feet as compared to 835,072 acre feet in the previous year.

Water deliveries on to the land in the Goulburn System totalled 387,264 acre feet, whilst 175,840 acre feet were delivered in the Torrumbarry System, and 121,918 acre feet in the Murray Valley Irrigation Districts.

The quantity of water delivered to lands outside the Commission's districts was 45,222 acre feet, bringing the total volume of water delivered to the land to 910,433 acre feet.

In addition private diverters pumped 160,000 acre feet on to lands under their direct control from various streams throughout the State. This brought the total quantity of water used for irrigation in Victoria to the already mentioned figure of 1.070,433 acre feet.

641,572 acre feet was released from the Waranga Reservoir of which 290,101 acre feet were delivered to the land, and 15,168 acre feet passed on at Loddon Weir to the Wimmera-Mallee Waterworks District. The quantity of water delivered to the land was 47.5 per cent. of that released from Waranga Reservoir.

249,988 acre feet of water were released from the Goulburn Weir and the Goulburn-Waranga Channel for the eastern portion of the Goulburn System of which 104,072 acre feet or $42\cdot0$ per cent. was delivered to irrigators.

Of the 891,560 acre feet released from the headworks of the Goulburn System, the volume delivered to the land was 394,173 acre feet which, with the 15,168 acre feet passed on to the Wimmera–Mallee represented a delivery efficiency of $45\cdot8$ per cent. from headworks to irrigators.

In addition to the record delivery of water throughout the State, record use of water was established in the following individual districts—Katandra, Calivil, Nyah. Robinvale, Campaspe, Central Gippsland. In addition the use of water by private diverters also constituted a record.

PRIVATE WATER USERS.

DIVERSON OF WATER.

In accordance with Section 188 of the Water Act, the control of the use of water in rivers, creeks, streams, and watercourses, lakes, lagoons, and marshes was continued by the Commission.

On the 30th June, 1955, 718 licences issued for periods up to fifteen years were in existence authorizing the holders to irrigate a total area of 40,403 acres and to take water for domestic, stock, and industrial purposes. There were also 3,566 annual and special permits for the irrigation of a further 47,814 acres.

The total area authorized to be irrigated under licences and permits for the year was 88,217 acres, being an increase of 10,093 acres over the previous year's total.

The following table shows the number of licences and permits in existence, and the areas which may be irrigated under these authorities.

Table Showing the Number of Licences and Permits in Existence and the Areas which may be Irrigated under these Authorities.

								Irrigation.	į.						
	Domestic and	Industrial.	Vines.	×.				Pastures.		Sorghum			Mealist	M.	Total.
	Stock.		Dried Fruit.	Table and Spirit.	Citrus.	Orchards.	Native.	Permanent Sown.	Annual Sown.	Annual Crops.	Lucerne.	Cereals.	Garden.	cellaneous.	
Licences. Number in Force	-	#	•					713				-			718
Area authorised to be irrigated (acres)	:	:	1,410	1,706	4,270	773	2,884	10,092	10,590	666	4,172	106	1,860	793	40,403
Permits. Number in force	1,363	藍						2,069	6						3,566
Area authorised to be irrigated (acres)		:	274	259	620	396	6,730	10,176	15,473	1,121	4,000	2,837	2,540	3,388	47,814
Total area authorised to be irrigated (acres)	:	;	1,684	1,965	4,890	1,169	9,574	20,268	26,063	2,113	8,172	3,738	4,400	+,181	88,217

GOULBURN DIVISION.

The Goulburn Division includes the Rodney, Tongala–Stanhope, Deakin, Shepparton, South Shepparton, North Shepparton, Katandra, and Murray Valley Irrigation and Water Supply Districts, the Lock Garry and Kanyapella Flood Protection Districts, the Stanhope, Tallygaroopna, and Corop Urban Districts, and embraces an area of nearly 1,000,000 acres.

The Murray Valley District is supplied from the River Murray via Yarrawonga Weir; the Shepparton, South Shepparton, North Shepparton, and Katandra Districts from waters diverted from the Goulburn River by the Goulburn Weir to the East Goulburn Main Channel; the Rodney, Tongala-Stanhope, and Deakin Districts from waters diverted to the west side of the Goulburn River into the Goulburn-Waranga Channel, Waranga Reservoir and Waranga Western Channel.

One of the first works undertaken following the passing of Victorian Water Conservation Act in 1881 was construction of Pine Lodge Weir at the offtake of Pine Lodge Creek by the Shepparton Shire Waterworks Trust. This was followed up by construction in 1885 of Casey's Weir, jointly by the Yarrawonga and Shepparton Irrigation Trusts, at the offtake of Broken Creek, and several other weirs on Broken River and Broken Creek for the purpose of diverting water through a channel system for domestic and stock supplies to landowners in Shepparton, Tungamah, and Numurkah Shires' Waterworks Trusts. The supply of water from the Broken River source was not sufficient to permit any great development under irrigation in the Shires concerned. From 1910 onwards the greater part of Shepparton Shire Waterworks Trust was absorbed in Shepparton, South Shepparton, North Shepparton, and Katandra Irrigation and Water Supply Districts. A substantial part of the Shire of Numurkah Waterworks Trust was later embraced in the Murray Valley Irrigation and Water Supply District.

In 1882 the Echuca and Waranga Waterworks Trust was constituted. Its District comprised an area of approximately 584,000 acres between the Campaspe and Goulburn Rivers and embraced what is now Deakin. Tongala–Stanhope, and Rodney Irrigation Districts. Water was supplied through a channel system for domestic and stock purposes, plus a limited amount for irrigation, by a temporary pumping plant on the Goulburn River at Murchison.

The "Irrigation Act" was passed by the Victorian Parliament in 1886, and construction of the Goulburn Weir was commenced as a National Work on the Goulburn River near Nagambie the following year. With a view to expansion of areas under irrigation as a result of this work, the Rodney Irrigation Trust was constituted after excision from the Echuca and Waranga Waterworks Trust in 1889.

The Rodney Irrigation Trust's District comprised an area of 278,000 acres, approximately that of the Rodney Irrigation District to-day. It was served by nearly 300 miles of channel, which had extended to 643 miles by 1953–54. The area of land irrigated in 1894 was 3,760 acres as against 99,096 acres in 1953–54.

The value of irrigation became so apparent that work commenced on the construction of Waranga Reservoir Storage in 1902. This storage which was completed in 1909 was designed to hold 197,000 acre feet, and was further enlarged to hold 333,400 acre feet in 1921.

With the passing of the Water Act 1905, the Rodney Irrigation Trust's District was placed under the control of the State Rivers and Water Supply Commission. In 1908 the Echuca and Waranga Waterworks Trust was abolished and became the Deakin Irrigation and Water Supply District.

The East Goulburn Main Channel having been constructed to a point two miles north of the Broken River, a supply channel therefrom was completed to enable the Shepparton Irrigation and Water Supply District to be constituted in 1910.

An intensive campaign for land settlement under irrigation commenced in 1911. With the purchase of estates for subdivision, portions were excised from Deakin Irrigation District and formed into Koyuga Irrigation District. This District was in 1912 amalgamated with Tongala Irrigation District which was constituted in that year.

Through progress of land settlement and extension of cultivation in all districts of the Goulburn System, it became apparent that additional water storage was necessary to safeguard the growing needs of irrigators. Work commenced on Sugarloaf Reservoir (Eildon) on the Goulburn River near Alexandra in 1914, but because of war the work was discontinued during 1914–18, and was not completed till 1927. This storage was designed to impound 306,000 acre feet.

Development increased to such an extent with the purchase of additional areas that Stanhope Irrigation District was constituted in 1918 following excision from Deakin. An area in Echuca North was also excised from Deakin in 1922 and formed into Echuca North Irrigation District. Tongala, Stanhope, and Echuca North Districts were in 1939 amalgamated into Tongala–Stanhope Irrigation District.

The East Goulburn Main Channel was extended to the Broken Creek and as work on this Channel and subsidiary channels progressed, South Shepparton Irrigation District was constituted in 1924, North Shepparton in 1928, and Katandra in 1928.

With the advent of pastures under irrigated conditions about 1925 and improved cultural methods in subsequent years, development continued to extend in irrigation districts to a stage where in 1938 it was realized additional storage was required to safeguard existing pastures and orchards in years of drought. It was decided in 1940 to investigate the possibilities of increasing the capacity of Eildon Reservoir (Sugarloaf) and it was later decided to provide for the storage of $2\frac{3}{4}$ million acre feet. In January, 1951, the Utah Construction Company of United States of America commenced the construction of Big Eildon Dam and the work was completed at the end of June, 1955.

Following an Interstate Conference of Engineers in 1913, the Governments of the Commonwealth of Australia and the States of New South Wales, Victoria, and South Australia, reached full agreement on a scheme for conservation, control, and use of waters of the River Murray. This agreement was ratified by the River Murray Waters Act 1915. Construction of a storage reservoir (Hume) on the Upper Murray commenced in 1919 and was completed in 1934, when work on Yarrawonga Diversion Weir and Main Offtake Channel was commenced.

DIVISIONAL REPORT FOR YEAR 1954-55.

Owing to the satisfactory state of storages, full deliveries of water were maintained to irrigators in all districts throughout the whole season 1954–55.

Rainfall recorded in all centres was considerably above average. The highest recording was that at Tatura where $37\frac{1}{4}$ inches were measured, which also represents the highest recording over a period of 60 years. Minor flooding occurred following heavy rainfall in early December and again in mid-February extensive flooding was experienced in Shepparton, Rodney, and Tongala–Stanhope areas. Despite this abnormal summer rainfall all centres delivered water to irrigators in excess of the average for a season.

The construction of the channel system in the Murray Valley Irrigation District was practically completed during the year. This district now has 575 miles of irrigation and outfall channels. An area of 3,791 acres were contour surveyed and farm layout plans were prepared for 83 irrigators.

Areas of various crops irrigated showed a slight increase in all districts, excepting Katandra and Shepparton. The principal increase was 18,000 acres in Murray Valley District. Most of this was due to the extension of the district. Subdivisions, approved during the year, totalled 50, made up of Shepparton 15, Rodney 10, Tongala 18, and Murray Valley 7, involving a total increase in holdings of 61.

The main irrigation channel supplying Echuca Village settlement was reconstructed over a length of 4 miles during the year. In addition to improving the water supply to this area, water will now be carried below natural surface level through the "Biscay" area to enable free passage of flood water over the channel to the Goulburn River.

Weed growth in drainage channels has again received considerable attention. Improved equipment in districts enabled much to be done to combat weeds. A Cranvel Back Hoe has been operated throughout the year in Shepparton District with excellent results. The weed cutting launch has been used extensively on submerged weed at Tongala and in Nine Mile Creek at Shepparton, with a consequent increase in channel capacity. In districts where drainage channels exist, full use has been made of power spray units for the treatment of cumbungi with chemicals.

Reconstruction work on the Coram Main Drain in Tongala District was continued. Earthworks were completed and enlargement of culverts advanced to such a state that flooding was eliminated in the area served following the excessive rainfall of December and February.

The four portable pumps provided by the Commission for the use of settlers in Murray Valley District, in times of flooding, were put to good use following the abnormal rainfall in February.

An Audible Water Level Indicator has been installed on Yarrawonga Main Channel at the measuring weir at 8m38c. The indicator is connected to the local Telephone Exchange and the caller is able at any time to calculate the measured discharge in the channel from a series of signals transmitted by the instrument. The indicator functioned extremely well over the last irrigation season.

The soil survey of South Shepparton Irrigation District was completed by officers of the Agricultural Department and that for North Shepparton is approximately half completed.

LODDON DIVISION.

The Loddon Division extends in its southern limits from and inclusive of the Rochester Irrigation District westerly to the Avoca River. The River Murray from Echuca to Tyntynder, just downstream from Swan Hill, defines the northern boundary.

The Division, through the district centres of Rochester, Pyramid, Boort, Cohuna, Kerang, and Swan Hill, controls 13 irrigation and water supply districts, 6 waterworks districts, and 10 urban districts. The total area of these districts is about 1,600,000 acres.

Water supply for the districts located in the southern portion of the Division is obtained from the Goulburn and Loddon water supply systems. The Torrumbarry supply system, offtaking from the River Murray upstream of Torrumbarry Weir serves the northern parts.

With the exception of the Tresco Irrigation District and the Gredgwin section of the Normanville Waterworks District, which are supplied by pumping, all districts draw their water supplies direct from the main carrier systems by gravitation.

Water supply to lands within the Loddon Division originated with the early Trusts and extends back to 1881 when, following a succession of severe droughts, the Water Conservation Act was passed to enable Trust districts to be formed to provide water, for domestic and stock purposes only, using natural watercourses as supply channels.

Under this Act the Swan Hill Waterworks Trust and also the Loddon United Waterworks Trust were constituted in 1882. This latter Trust was constituted to construct and administer a weir at Bridgewater and other weirs at Serpentine, Kinypanial, and Leaghur, and a number of channels and improvements to water courses to distribute water for domestic and stock purposes to serve an area of approximately 1,200 square miles.

Provision for the constitution of trusts for the purpose of irrigation was first made in the Water Conservation Act of 1883.

The Leaghur and Meering Irrigation Trust, the first such trust in Victoria, was constituted under this Act in 1885.

The formation of Irrigation Trusts was greatly encouraged by an amending Act in 1885 which provided for Government Loan Monies to be advanced for their works. This was followed by the comprehensive Irrigation Act which came into force in December, 1886.

Under the provisions of these Acts, passed from 1883 onwards, the following Trusts were constituted to provide a water supply to lands now within the Loddon Division—Leaghur and Meering (1885), Tragowel Plains (1886), Cohuna (1886), Koondrook (1886), Benjeroop and Murrabit (1886), Twelve Mile (1886), Swan Hill (1887), Boort East (1888), Boort North (1888), Wandella (1888), Marquis Hill (1888), Kerang East (1889), Campaspe (1889), Myall (1890), Dry Lake (1890), Macorna North (1893), Gunbower West (1899), and South Kerang (1899).

It soon became apparent that the natural flow of the streams was not adequate to meet the growing needs of these Trusts and, as the construction of the necessary storage and diversion works was beyond the capacity of the individual trusts, the State completed certain works as National Headworks. Those now serving the Loddon Division include the Goulburn River works, the Kerang North West Lakes works, the Kow Swamp works, the Loddon River works, and the Long Lake Pumping works.

The increasing demand for water faced the Trusts with difficulties which were beyond their ability to overcome individually and, under the Water Act of 1905, the State Rivers and Water Supply Commission was constituted to control all works of water supply throughout the State of Victoria, exclusive of the Melbourne metropolitan area.

All works previously used by the Irrigation Trusts were vested in the Commission and the Trust areas were consolidated and constituted as districts. Since that date the Commission has constructed many works to improve water supply to the various districts.

Such works include the Waranga Western channel offtaking at the major outlet on the western side of Waranga Basin. This channel, running in a general westerly direction for 134 miles and crossing the Campaspe and Loddon Rivers, serves as a main carrier for supply to irrigation districts located to the north along its course and by its later extension west, across the Avoca River, for a further 94 miles, has made available supplementary domestic and stock supplies to the Wimmera–Mallee System.

The first section of this channel was brought into use at the commencement of the 1911–12 irrigation season for supply to the Nanneella and Bamawm settlements in the Rochester District and early in February. 1912, for supply to the Tragowel Plains District. A further extension to the Loddon River was completed during the 1924–25 season and the extension further west across the Avoca was completed in 1928.

In the Torrumbarry System the Cohuna Weir, across the Gunbower Creek at Cohuna, was completed in 1908, and Berry's Regulator, across the National Channel about three miles downstream from the River Murray offtake, in 1913. Supply to Swan Hill District was considerably improved by the construction of the Little Murray Weir in 1915 and Benjeroop Weir in 1923. The completion of Torrumbarry Weir in 1924 made it possible to give a gravitated supply throughout the irrigation season to all parts of the system.

DIVISIONAL REPORT FOR YEAR 1954-55.

Rochester Centre.

The Rochester District centre controls the Rochester Irrigation and Water Supply District, the Campaspe Waterworks District, the Lockington Urban District, and is responsible for the regulation and maintenance of the Waranga Western channel to the 56 Mile regulator.

The Rochester Irrigation District was constituted in 1912. In that year the area irrigated within the district was 7,769 acres. Water rights were apportioned to lands in the district for the 1912–13 irrigation season.

The maximum delivery of water to lands in the district was the delivery of 87,952 acre feet during the 1937–38 season. This compares with the delivery of 85,191 acre feet during the present season. The total area of lands watered during 1937–38 was 57,052 acres, and the depth of water used per acre irrigated averaged 1.54 feet. Last season some 73,214 acres were irrigated, and the depth of water used per acre irrigated was 1.17 feet. It is considered that this reduction in the depth of water used is accounted for by the extensive development of annual pastures at the expense of lucerne and also by improved efficiency in the application of water to the land.

The past irrigation season was one of fluctuating demand. There were good rains during July, August, and September, when 490 points were recorded. October rainfall was below average, with 98 points, and by the end of that month deliveries totalled 20,000 acre feet. November and December were wet months with 644 points of rain and only 10,000 acre feet of water were delivered.

Abnormally heavy rain fell about the middle of February following which there was no demand for water for over two weeks. March and April were dry months and for a period of seven weeks an average delivery rate of 3,600 acre feet per week was maintained.

The rainfall recorded at Rochester for the year ended 30th June, 1955, was 25·13 inches which is half as much again as the district average of 16·65 inches per annum over the past 68 years.

The Campaspe Irrigation and Water Supply District consists of what was originally the southern portion of the Campaspe Waterworks Trust District—constituted in 1889.

As a result of a good flow in the Campaspe River practically throughout this season, the record volume of 1.434 acre feet was delivered for irrigation and some 155 tanks were filled for domestic and stock purposes.

Pyramid Centre.

The districts controlled from the Pyramid Centre are the Tragowel Plains, the Calivil, and the Dingee Irrigation and Water Supply Districts; the Loddon and the East Loddon Waterworks Districts and the Pyramid Hill, Mitiamo, Macorna, and Dingee Urban Districts. This centre is also responsible for the maintenance of the Waranga Western channel from the 56 Mile regulator to the Loddon River.

The Tragowel Plains Irrigation District includes the lands originally covered by the Tragowel Plains and the Twelve Mile Trusts. The district was constituted in 1906 when the area was 20,366 acres. Water rights were apportioned to district lands for the 1912–13 season. The water delivery during this present season, when a total of 52,012 acre feet was delivered to the land, represents the maximum delivery to date.

The Calivil Irrigation District was constituted in 1928 with an area of 47,748 acres. Water rights were apportioned for the 1938–39 season. The volume of water delivered during this present year was 13,201 acre feet which was greater than in any previous year.

The Dingee Irrigation District was constituted in 1913. The area then was 4,893 acres. Water rights were apportioned for the 1913–14 season.

In the Pyramid Centre the rainfall for the year was 1,876 points which is substantially greater than the average, over the last 25 years, of 1,346 points. Heavy rain in the Dingee area in February, amounting to over 7 inches in four days caused extensive flooding which was aggravated by floodwaters from the Bullock and Myers Creeks. The drainage works in this area were heavily taxed but proved of great benefit in draining the area when the main flood had passed and no serious damage resulted to the works or the lands served.

The total water deliveries and the area irrigated in the centre during the present year are all time records. The average rate of delivery during the autumn peak period to all districts was at the rate of the total water right in 105 days. This compares with 120 days for the same period in the previous year. In the Tragowel Plains district 51.5 per cent. of the water supplied at district offtakes was delivered to users compared to the average of 42 per cent. over the previous five years.

Excellent results were obtained on the control of cumbungi and jointed rush in district drains and channels.

Boort Centre.

The Boort Centre controls the Boort Irrigation and Water Supply District and the West Loddon and the Normanville Waterworks Districts.

These districts include the lands previously covered by the Boort East, the Boort North, the Leaghur–Meering and portions of the Marquis Hill and the Wandella Trust areas.

The Boort District was constituted in 1911 and at that time the area irrigated within the district was 6,801 acres. Water rights were apportioned to district lands for the 1938–39 irrigation season.

Irrigation commenced in mid-August 1954. The demand for water remained consistent throughout the season and resulted in the record total volume of 28,000 acre feet being delivered to the land up to the 15th May, 1955. Because of the limited capacity of the Waranga Western channel, rationing was imposed in the early spring and again during the autumn.

The installation of 28 vertical lift steel gates in place of drop bars at the Loddon Weir has greatly improved control facilities at this structure and it is now possible to pass the numerous Loddon River floods without disrupting supply to the districts.

Five hundred and seventy-seven dams in the Normanville Waterworks District were filled by the end of December.

In the West Loddon Waterworks District, 224 dams were filled for landholders stock and domestic purposes.

In the Normanville district a "mile-a-day" ditcher was used for channel cleaning with excellent results; some 33 miles being treated in eleven days.

Cohuna District.

The Cohuna District includes the lands previously covered by the Cohuna Irrigation Trust which obtained its supply by gravitation through an inlet from the River Murray at the mouth of Deep Creek. This supply was supplemented by a pump unit of 50 c.f.s. capacity when the river fell below the sill level of the inlet.

When the Commission assumed control from the Trust the area was partitioned into three districts. These were the Cohuna District constituted in 1906, the Gannawarra District (1911), and the Leitchville District (1925).

The pump unit was replaced by the Commission with one of 100 c.f.s. capacity during 1908 and, as the existing gravitation supply was not reliable, a further unit of 200 c.f.s. capacity was installed in 1910. Water rights were apportioned to the Cohuna District for the 1911–12 season, to the Gannawarra district for 1912–13, to the Leitchville District for the 1926–27 season. The Cohuna District was extended to include the major portion of the Gannawarra District in 1935, and again in 1941 to include the Leitchville District.

Water for the 1954-55 season was turned into the system on the 16th August, 1954, but deliveries were light until mid-September, when the demand firmed and continued so until mid-November. Deliveries during December were moderate but firmed again during January and early February and also during March until the season closed on 30th April. The total volume delivered to users was 77,233 acre feet. The recorded rainfall for the year was 2,188 points.

The increased allocation of funds during the past two years has resulted in a considerable improvement in district works and it was possible during the present season to meet a peak demand of over 3,000 acre feet per week without overtaxing the system. Although, following heavy rains towards the end of the season, several days' delay occurred before it was possible to remove surplus water from low lying areas into the drainage system, a substantial improvement is evident throughout the district.

During October and November some 18 miles of drains were treated with hormone spray with excellent results. Paspalum Distichum threatens to become a greater problem than cumbungi in drainage channels. Some sections of the drains which were heavily infested with distichum were cleared using a half-yard dragline equipped with the New Zealand weed bucket. Where there was a minimum of track-making, this method was quite fast and effective. The best result was obtained where it was possible to use the machine on both sides of the drain so that each batter could be scraped during the upward haul of the bucket. It was not possible to remove the distichum roots from the batter on the side opposite to the machine.

Kerang Centre.

The districts controlled from the Kerang Centre are the Kerang, Koondrook, Mystic Park, and Third Lake Irrigation Districts, the North West Lakes Waterworks District and the Koondrook and Murrabit Urban Districts.

These districts include the lands previously covered by the Kerang East, the Koondrook, the Myall, and portions of the Macorna North, and the Marquis Hill Trusts.

The Kerang District was constituted in 1910 with an area of 19,763 acres. Water rights were apportioned for the 1938–39 season. The Koondrook District was constituted in 1911 with an area of 19,602 acres. Water rights were apportioned for the 1911–12 season.

The Mystic Park District was constituted in 1922 with an area of 6,430 acres and water rights were apportioned for the 1924–25 season. The Third Lake District was constituted in 1925 with an area of 713 acres. Water rights were apportioned for the 1926–27 season.

The rainfall for twelve months ending 30th June, 1955, was 1,576 points, which is some three inches above the average rainfall.

The total volume of water supplied to landholders in the centre was 77,580 acre feet and the area watered was 103,269 acres.

The old timber flume carrying the Macorna channel across the Pyramid Creek has been replaced with a prefabricated reinforced concrete flume and the replacement of the Bannagher No. 3 flume with a similar structure is well advanced. The completion of these two structures will considerably improve supply facilities in the Kerang District.

Swan Hill Centre.

The Swan Hill Centre controls the Swan Hill, the Tresco, and the Fish Point Irrigation Districts, and the Lake Boga Urban District.

The Swan Hill District includes the lands, originally covered by the Swan Hill Trust, which were supplied partly by gravitation through two offtakes from the River Murray and partly by pumping when the river level was low.

The Swan Hill District was constituted in 1906 with an area of 7,101 acres. Water rights were apportioned for the 1910–11 season.

Since that date the area under irrigation has increased by the addition of the Woorinen Soldier and Closer Settlement area and a further area to the south of the town extending to Lake Boga. The present area of the district is 37,173 acres.

The Tresco District was constituted in 1922 with an area of 1,558 acres. It was extended to include the Tresco West area in 1950. Water rights were apportioned for the 1954–55 season. Water supply for this district is obtained by pumping from Lake Boga.

The Fish Point District was constituted in 1926 with an area of 6,050 acres. Water rights were apportioned for the 1927–28 season.

Climatic conditions which were most favourable to dairying and grazing proved disastrous during the drying period of dried fruits. This latter industry has been further embarrassed by an uncertain market together with a stationery market value for fruit during a period of rising production costs. Land sales and subdivisions in the district have eased considerably but market values have continued to increase, the peak reaching £235 per acre for pasture land.

The commencement of the 1954–55 irrigation season was advanced to mid-August to meet the demand for an earlier watering but on account of unsettled weather the demand did not firm until late December when it became abnormally heavy and remained firm until the end of the season. A total of 44,446 acre feet of water was delivered to water users in the centre.

The remodelling of channels in the Woorinen area, using the "Gunite" process, was continued and a further 160 chains were treated during the year.

Observations during the past twelve months indicate that the reconditioning of the Woorinen supply channel system has reduced the channel water loss to such an extent that evaporation from the drainage basins has been in excess of the runoff from the drains.

Excellent results have been obtained with hormone sprays on aquatic weeds in both drains and supply channels. This is particularly noticeable in the Fish Point District where all channels are relatively clean.

GIPPSLAND AND SOUTHERN DIVISION.

The Gippsland and Southern Division embraces an area of 262,600 acres consisting of the Maffra-Sale, Central Gippsland, Bacchus Marsh, and Werribee Irrigation Districts, the Heyfield Urban District, the Werribee Waterworks District, the Koo-wee-rup and Cardinia Flood Protection Districts, and the Carrum Drainage District.

Maffra-Sale Irrigation District.

The Maffra-Sale Irrigation District was constituted in 1926.

Investigations of possible storage sites on Gippsland rivers were commenced as early as 1914, and about that time a scheme was mooted for the irrigation of the Boisdale Estate, near Maffra, to aid the sugar beet industry.

In response to strong local requests, the question of irrigating Boisdale Flats and other near areas was thoroughly investigated in 1928 and it was concluded that irrigation there would be successful.

A satisfactory storage site was selected on the Macalister River and work on the construction of a mass concrete dam at Glenmaggie was commenced in 1919.

The construction of main channels to Maffra and Boisdale was commenced the following year, and by 1926 the first stage of the storage was completed with a capacity of 106,000 acre feet.

Numerous requests for an extension of the district were received by the Commission and extensions of the channel system proceeded as rapidly as possible.

By 1928 satisfactory results were being obtained by settlers from irrigation and the following year water rights were allotted for the first time.

During the 1929–30 irrigation season, the area under irrigated culture had increased to 14,150 acres, and further requests were received by the Commission for extensions of the scheme as the benefits from irrigation had been proved.

At the present time the Maffra-Sale district embraces an area of 72,900 acres with total allotted water rights of nearly 26,000 acre feet.

Prior to the Commission's activities in this area, the towns of Maffra, Heyfield, and Stratford had no reticulated water supply and in dry times water had to be carted from the rivers and sold to householders. Maffra's two milk factories, which now employ 500 people, were then non-existent and numerous large holdings which previously supported only one family were, following the advent of irrigation, subdivided and now support eight families living on the land.

Central Gippsland Irrigation District.

The Central Gippsland Irrigation District which is adjacent to the Maffra–Sale District and embraces an area of 58,500 acres was constituted in 1948.

This district, which in the main lies to the south of the Thomson River between Heyfield and Sale, includes the Nambrok-Denison Soldier Settlement area of some 22,500 acres which will contain 200 individual holdings when fully developed.

Channel construction was commenced in 1948 and irrigation water, which is conveyed by channel from the Glenmaggie Reservoir, was first supplied in October, 1952.

During the first irrigation season of 1952–53, a total area of 2,826 acres was watered and this area has been increased each subsequent year as channel reticulation works have progressed and as land has been developed for Soldier Settlement.

By 1954–55, the total area watered had increased to 6,605 acres and allotted water rights totalled 9,128 acre feet.

Bacchus March Irrigation District.

Irrigation at Bacchus Marsh prior to the passing of the Water Act of 1905 was the responsibility of a local irrigation and water supply trust which had been constituted in 1889.

The maximum area supplied by the Trust was 910 acres and, as no storage existed then, supplies were restricted to natural river flows. Naturally this state of affairs did not lend itself to any great development in the area.

Following the assumption of control by the Commission in 1906, steps were taken to locate a suitable storage site so that assured supplies would be available for suitable irrigation lands at Bacchus Marsh.

Pykes Creek Reservoir with a capacity of 14,850 acre feet was constructed and filled to capacity in 1911.

In 1916, a tunnel one mile long connecting the Werribee River with the Pykes Creek Reservoir to supplement supplies to the storage was completed, and in 1930 the capacity of the storage was increased to 21,000 acre feet.

A new concrete diversion weir was constructed across the Werribee River to replace the old Trust structure and old channels were replaced and extended.

By the 1911–12 irrigation season, the irrigable area had been increased to 3,300 acres and water rights apportioned to 2,000 acres of that area. At the present time the district embraces an area of 6,700 acres with a total water right allocation of 3,302 acre feet.

Land values in the district increased from £30 per acre in 1911 to £600 per acre in 1954. This increase was influenced to some extent by the change in recent years from dairying to market gardening.

Werribee Irrigation District.

In the Werribee District, irrigation can be said to have started following the constitution of the Commission.

An Irrigation Trust was formed at Werribee in 1888, but never irrigated more than 160 acres.

In 1906 the Government purchased some 23,000 acres of the Werribee Park Estate at £13 per acre for closer settlement purposes.

Following investigations the Commission advised the Government that about half the purchased area was suitable for irrigation and that the balance should be constituted a waterworks district and supplied with water for domestic and stock purposes.

By 1910 a concrete diversion weir had been constructed across the Werribee River to the north of the township, a main channel therefrom had been completed and domestic and stock supply channels were under construction.

Pykes Creek Reservoir had been completed by 1911 and by 1916 the Melton Reservoir on the Werribee River between Bacchus Marsh and Werribee had been completed with a capacity of 17,000 acre feet. The capacity of Melton Reservoir was increased in 1936 to 19,000 acre feet by the installation of gates on the spillway.

The Werribee Irrigation District embracing an area of 8,000 acres was officially constituted in 1917, and the following year the balance of the purchased Werribee Park Estate was constituted a Waterworks District.

Additional land for soldier settlement was purchased in 1920 and 1921, and at the present time the irrigation district is a thriving settlement of 9,700 acres, of which 8,146 acres are irrigable and allotted water rights.

Originally the area was settled for dairying and lucerne growing, but in recent years there has been a marked change to market gardening, fruit growing, and egg production, and at the present time about half the area is devoted to these latter industries.

In quite recent times over £600 per acre has been paid for land for market gardening.

Flood Protection and Drainage Districts.

The Koo-wee-rup or "Great Swamp" drainage scheme, which has resulted in the Lower Koo-wee-rup Flood Protection District being one of the most highly productive areas in the State to-day, is the largest and most important swamp reclamation work carried out in Victoria.

The first works of the scheme were commenced in 1885 under the direction of the "Swamp Board" and later were continued by the Public Works Department in connexion with a village settlement scheme for absorbing unemployed from Melbourne.

In 1912, following floods which demonstrated the inadequacy of the early works, the Government directed the State Rivers and Water Supply Commission to prepare plans and estimates for improving the scheme.

In 1917, the Lower Koo-wee-rup Flood Protection District comprising 56,500 acres was constituted by the Commission, and since then most of the drains in the district have been substantially enlarged or improved.

Following the phenomenal flood of December, 1934, a thorough investigation was made and a scheme of works designated the "Yallock Outfall Scheme" was adopted by the Commission as the most satisfactory method of affording additional protection to the swamp lands from the flood of the Bunyip River. These works were commenced in 1939. Owing to the delays resulting from war and post-war shortages of manpower, materials, and other causes, these works, although now well advanced, have not yet been completed.

The Cardinia Flood Protection District comprising 26,660 acres which adjoins the western boundary of the Lower Koo-wee-rup Flood Protection District was also constituted in 1917 following a request by landholders whose own efforts at drainage had proved

ineffective.

Construction of additional drains and the substantial enlargement of existing drains was carried out by the Commission after taking over the area. These works proved reasonably effective until the phenomenal flood of 1934. Following this flood a much more comprehensive scheme of works was prepared and finally completed in 1940, and these works have proved to be very effective.

The Carrum Drainage District is another example of early swamp reclamation in Victoria.

The first works of reclaiming the Carrum Swamp, which was a low-lying ti-tree covered area into which the Dandenong and Eumemmerring Creeks discharged and ponded before ultimately draining to the bay at Mordialloc and Frankston, were based on a plan prepared by the Lands Department and were carried out by the Dandenong Shire Council in 1868.

In 1871 the swamp lands were made available for selection under conditions which required applicants to reside on and carry out drainage improvements to land selected.

In 1879 the Patterson Cut, connecting the swamp with Port Phillip Bay and named after the then Minister of Public Works, was cut through the coastal sand ridge at Carrum.

In 1889 the Carrum Irrigation and Water Supply Trust was constituted. Following this, the Trust constructed a scheme of drainage and irrigation channels. During a succession of dry years following their construction these works proved fairly effective. With the recurrence of wet years, however, they proved ineffective and became badly silted.

In 1905, the management of the district was transferred to the Commission.

Since that time the Commission has carried out additional large drainage works which have proved effective, except against the phenomenal flood of December, 1934.

The Carrum Trust was abolished on the 1st July, 1945, and on the same day the Carrum Drainage District comprising some 16,000 acres was constituted under the control of the Commission.

DIVISIONAL REPORT FOR YEAR 1954-55.

At the commencement of the 1954–55 irrigation season the Glenmaggie, Pykes Creek, and Melton Reservoirs, which supply the irrigation and waterworks districts of the Division, were all full.

Following heavy rains in the catchment areas, all storages filled again early in November and remained full until the end of the following month. At the end of the season considerable quantities of stored water remained and at the end of the year under review, the favourable position existed of Glenmaggie and Melton Reservoirs being full and Pykes Creek Reservoir being within 3,000 acre feet of full capacity.

In the Maffra-Sale District rainfall for the year was 2,895 points compared with the average of 2,363 points. Heavy falls were experienced in November, February, and the first week of May but between these breaks in the weather high deliveries of water were made and total deliveries in the district reached 30,531 acre feet, the third highest on record.

In the Central Gippsland District additional areas in the Nambrok-Denison Soldier Settlement Area were developed and a total delivery of 7,857 acre feet of water was made during the year.

An additional service basin was constructed for the Heyfield Urban District and the scheme of supply by pumping from the Main Southern Channel, in lieu of from the Thomson River, was practically completed.

In the Bacchus Marsh District, water deliveries for the year represented 128 per cent. of the total water right and a high delivery efficiency of 85 per cent. was obtained.

In the Werribee District, the season's water deliveries amounted to only 85 per cent. of the total district water right. The demand was influenced by intermittent rains during the irrigation season, including heavy falls of three inches on the 13th January, and over six inches in $3\frac{1}{2}$ hours three days later.

Considerable benefit to the district in the form of prevention of seepage losses, quicker deliveries, lowering of the ground water table and reduction in channel maintenance costs has resulted from gunite channel lining.

In the Koo-wee-rup District, mechanical excavators completed the regrading and reconditioning of McDonald's Outfall and made considerable progress with earthwork operations of the Yallock Outfall works above the old Bayles–Strezlecki Railway.

In the Cardinia District, mechanical excavators reconditioned $2\frac{1}{2}$ miles of the large Deep Creek Outfall and some $4\frac{1}{2}$ miles of important subsidiary drains.

Operating under arrangement with the Commission, privately owned suction plants removed a further 26,000 tons of coarse clean sand from the Koo-wee-rup Main Canal and 5,000 tons from the Cardinia Drain. The total amount of sand removed from the Main Canal since 1925 now amounts to 871,000 tons.

In the Carrum District, the reconditioning of the Mordialloc Main Drain by mechanical excavator was completed, and the pumping plants on the Swamp Drain at Mordialloc and Carrum continued to work satisfactorily during the year.

WIMMERA-MALLEE DIVISION.

Although the Water Act was passed in 1905, it was not until 1908 that local Trusts which were controlling the water supply for domestic and stock purposes to the Wimmera and lower Mallee were taken over by the Commission. The system of water distribution at that time was chiefly by means of creeks but shortly after the Commission took over the system, it was completely overhauled and main supply channels were constructed.

In the period from 1896 to 1902 the Wimmera and Mallee had passed through periods of low rainfall until in the disastrous drought of 1902 the Mallee was partially evacuated owing to lack of water for domestic and stock purposes, and the amount of stock lost at that time was calamitous.

In 1903 the Victorian Water Supply Department, which the State Rivers and Water Supply Commission succeeded, constructed Lake Lonsdale Reservoir but at the time the Commission took over the Wimmera and Mallee water supply in 1908 very little of the Mallee area had been developed, such development being impossible to any extent without a reliable supply of water for domestic and stock purposes. The area was remote from extensive and permanent river systems and no underground water was available. Exploratory levels showed that there was a fall of approximately 300 feet from the Wimmera River to the River Murray, and it was decided to extend the channel system in a northerly direction into the vast unwatered area of the Wimmera and Mallee.

As development proceeded, more storage capacity was required and storages were built at Fyan's Lake in 1915, the capacity of this reservoir being 17,100 acre feet, Taylor's Lake in 1918 with a capacity of 30,000 acre feet, and Pine Lake in 1921 with a capacity of 52,000 acre feet.

During the period 1908 to 1927 the channels were being extended further and further northward and this development has continued until at present a permanent domestic and stock water supply system is available to 10,000 farms in an area of something like 11,000 square miles served by 6,500 miles of channels constructed by the Commission. The system also supplies 47 towns.

The Wimmera and Mallee Domestic and Stock System is the largest of its kind in the world, and it has enabled two very prosperous provinces to be established in Victoria, provinces which between them produced last year primary production to the value of £34,325,000. An appreciation of the increased productivities of these areas is shown by the following statement:—

Wheat—		1908.	$Present \ Day.$
\mathbf{Mallee}	 	 1,233,769 bushels	19,817,829 bushels
Wimmera	 	 5,056,245 bushels	20,480,425 bushels
Wool-			
\mathbf{M} allee	 	 3,033,834 lb.	11,416,909 lb.
Wimmera	 	 14,296,182 lb.	32,407,695 lb.

In order to safeguard these vast and fertile provinces for all time against water shortages for domestic and stock purposes, the Commission constructed the Rocklands Reservoir at the headwaters of the Glenelg River in 1953. This storage which has a capacity of 272,000 acre feet enables the floodwaters of the southern flowing Glenelg River to be diverted northward into the Wimmera and Mallee.

The assured water supply to this vast area has made possible the establishment of farms and homesteads with orchards, gardens, and other amenities, while in country towns many miles from reliable rivers, reticulated supplies make possible the provision of public baths, grassed ovals, tennis courts, public gardens, and the like.

DIVISIONAL REPORT FOR THE YEAR 1954-55.

Seasonal conditions for the year 1954–55 were very good and at the end of the watering season in November, 405,526 acre feet remained in storage. All domestic and stock water supply requirements were fully met for the year.

Western Wimmera.

The final survey of the Lubeck Connecting Channel was completed. This channel will supply part of the high area now dependent upon Lake Lonsdale.

Preparation of land in the Drung Soldier Settlement area was carried out by contract for the Soldier Settlement Commission under the supervision of the State Rivers and Water Supply Commission. 1,156 acres were ploughed, 1,235 acres graded, 600 acres checkbanked, and 300 acres sown. Construction of the channel system to serve this area was commenced.

Walpeup West.

Following a recommendation of the Walpeup West Advisory Board, all lands in the Murrayville Riding of the Shire of Walpeup were excised from the Walpeup West Waterworks District. It is proposed to sell 14 of the 17 bores and transfer control of the remaining 3 bores to the Shire. Seven bores have been sold to date.

Tyrrell

610 feet of rising main at Eureka pumps were replaced with a 15-inch diameter pipe making the main uniform throughout. Pumps operated for 26 days compared with 40 days during the previous year.

Wimmera United.

The Wimmera United District was increased by approximately 4 square miles in the Parish of Wallaloo and 25 square miles in the Parishes of Gre-Gre, Darkbonee, and Swanwater.

Wychitella.

The domestic and stock system was extended 5 square miles as a result of the construction of new channels through the Parishes of Narrewillock and Glenloth. A supply of water was given to the $10\frac{1}{2}$ square miles of the new Teddywaddy area.

Millowa

The Millewa District was made available for wheat and wool growing in 1923, and at that time consisted of 830 square miles of mallee lands which had been surveyed into holdings of from 750 acres to 800 acres.

An assured supply of water for domestic and stock supply purposes was obtained from the River Murray through a series of pumping stations and 680 miles of channels, the main stations being located at Lock 9 on the River Murray itself and Lake Cullulleraine.

It was found, however, that because of the very light and variable rainfall, the holdings were too small to be economically successful and in 1950, under the North-West Mallee Areas Act, the area was re-subdivided, the holdings being increased in size and reduced in number and, in addition, certain areas excised from the water supply system which is operated by the Commission.

In 1952 the Millewa, Yelta, Carwarp, and Carwarp Central Waterworks Districts were combined to become the Millewa Waterworks District, with a total area of 822 square miles and a channel system 480 miles in length. Water is supplied to the district from pumps on the Murray at Lock 9 and Lake Cullulleraine, and at Merbein and Red Cliffs.

The past year was one of good rainfall. Because of this, and the reduced area that has to be watered by the pumps at Cullulleraine and Lock 9, the period of watering of that part of the Millewa North-West District was reduced to a record period of 67 days, the shortest time in the history of the District.

SAND DRIFT CONTROL.

Six hundred and thirty-eight acres of rye corn were planted on the channel banks and this together with better farming methods has largely affected the amount of drift sand entering channels. It is estimated that approximately 971,000 cubic yards of sand were removed this year as against 12,297,000 cubic yards in the bad year of 1945–46.

With the gradual change-over to mechanical farming, only 30 teams were employed during the year. Channel cleaning and maintenance operations were mainly carried out by tractors, hydraulic scoops, Briscoe, Chattin, and Parex Ditchers. These machines cleaned over 2,100 miles of channel for the year.

Although the amount of sand removed each year since 1949-50 has decreased, the general rise in operations cost has increased the annual amount of expenditure.

The following table shows the cost of removal of sand from the Wimmera-Mallee Domestic and Stock Channels from 1945-46. Figures for earlier years since 1928-29 are contained in previous reports:—

			i	Financial Year,		Calend	lar Year.
	Year.		Cost per Fortnight for Horse Teams.	Approximate Quantity of Sand Removed.	Total Cost.	Year.	Total Cost
			£	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
1952-53		 	106	1,297,000	69,827	1952	87,874
1953–54		 	107	1,025,000	63,447	1953	64,105
1954-55		 	108	971,000	65,566	1954	53.195

Red Cliffs-Merbein.

Development of the Merbein area as a mixed irrigated farming area supplied with water pumped from the River Murray commenced in 1910, but it was not long before vines were being planted and the larger holdings subdivided into smaller allotments.

Birdwoodton, on the east of Merbein, and Merbein West were established as a Soldier Settlement Area in 1919 for the production of dried fruit.

Red Cliffs was developed as a Soldier Settlement Area, and was almost entirely devoted to sultanas with a limited quantity of citrus and currants. The first allocation was made in 1921 and when completed some 700 returned soldiers were rehabilitated on the land project which was built by themselves.

Following drainage difficulties, sub-surface drainage outfall works were constructed by the Commission, commencing in 1934, at both Red Cliffs, and Merbein.

The first general irrigation for the season commenced on 30th August, 1954, at Red Cliffs, and on 18th September, 1954, at Merbein, while special waterings were given in both places.

From the point of view of dried fruits production the 1954–55 season has been one of the worst on record. Although yields were about average, humid conditions from January to April produced fruit of low quality, and both picking and packing costs were very high—probably 70 per cent. in excess of normal.

In order to bring about more accurate measurement of water usage on blocks, Dethridge Meter Wheels are being placed on holdings in both settlements.

Particulars of the six irrigations given in 1954-55 are:-

Red Cliffs.

rrigation Number.	Period.		Acre Feet Pumped.	Equivalent Average Depti per Watering
				inches.
1	30th August, 1954 to 25th September, 1954	 	7,729*	8.1
2	3rd November, 1954, to 26th November, 1954	 	6,651	$7 \cdot 1$
3	14th December, 1954, to 4th January, 1955	 	6,088	6.5
4	11th January, 1955, to 4th February, 1955	 	7,283†	$7 \cdot 6$
$5 \begin{Bmatrix} A \\ B \end{Bmatrix}$	22nd March, 1955, to 28th March, 1955, $\frac{1,055}{4,482}$	 	5,537	8.6
6	10th May, 1955, to 19th May, 1955	 	1,781	6.6
	Total Season 1954–55	 	35,069	7.4

^{*} Includes 208 acres frost run through.

Merbein.

Irrigation Number.	Period.	 	Acre Feet Pumped.	Equivalent Average Depth per Watering.
				inches.
1	18th September, 1954, to 7th October, 1954	 	5,289	7.5
2	2nd November, 1954, to 25th November, 1954	 	4,632	$7\cdot 2$
3	20th December, 1954, to 10th January, 1955	 	5,482	8.1
4	17th January, 1955, to 7th February, 1955	 	5,628*	8.1
$5 \begin{Bmatrix} A \\ B \end{Bmatrix}$	17th March, 1955, to 25th March, 1955, 1,322 \\ 13th April, 1955, to 1st May, 1955, 4,600 \}	 	5,922	8.1
6	30th May, 1955, to 3rd June, 1955	 	329	4.9
	Total Season 1954–55	 	27,282	7.3

^{*} Includes 1,680 acres harvest run through.

[†] Includes 1,092 acres harvest run through.

A.B. Split fifth irrigation.

Nyah.

Nyah, which is also supplied with water pumped from the River Murray, was originally settled as the Sir John Taverner Village Settlement in 1910, with 50 acre blocks mostly under lucerne. In 1912 these holdings were being subdivided for planting of fruit trees such as peaches and apples. Marketing difficulties were encountered and by 1919 nearly all these plantings had been replaced by vines. The Vinifera section of Nyah was opened to Soldier Settlement in 1919, and Nyah North Extension in 1920. Plantings are mainly sultanas, with some gordos, currants, and citrus.

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

The district experienced one of the most difficult seasons on record. Heavy rains throughout February and March not only caused serious damage to the fruit but also made drying conditions most unfavourable.

This year's (1955) crop will amount to approximately 2,000 tons compared with 3,022 tons in 1954, 3,371 tons in 1953, and 2,910 tons in 1952.

The 1955 crop of 2,000 tons represents the amount of dried fruit received at the packing houses, but does not include consignments of fresh fruit to markets or distilleries, which, however, were not heavy.

Nyah.

rrigation Number,	Period.	and the second second second		Acre Feet Pumped.	Equivalent Average Depth per Watering.
					inches.
1	1st September, 1954, to 20th September, 1954			1,842	7.6
2* ₹	27th October, 1954, to 8th November, 1954			1,617	6.8
3* {	13th November, 1954, to 19th November, 1954 1st December, 1954, to 2nd December, 1954 7th December, 1954, to 20th December, 1954			1,355	5.8
4	29th December, 1954, to 17th January, 1955			1,920	7.8
5	25th January, 1955, to 12th February, 1955			1,780	$7 \cdot 3$
6	15th April, 1955, to 2nd May, 1955			1,414	6.9
	Total Season 1954–55			9,928	7.0

^{*} Interrupted by rain.

Robinvale.

Robinvale Soldier Settlement to which water is pumped from the River Murray was established in 1947, and of the 216 blocks now occupied by settlers in that district, 151 are producing dried fruit, the total tonnage produced for 1955 being 5,440 tons.

Details of crop averages are as follow:—

									$\operatorname{cwt}.$
29	blocks,	6 th	year	bearing,	average	per	acre	 	$39 \cdot 8$
24	,,	5th	,,	,,	,,	,,	,,	 	$38 \cdot 1$
29	,,	$4 \mathrm{th}$,,	,,	,,	,,	,,	 	$39 \cdot 3$
17	,,	3rd	,,	,,	,,	,,	,,	 	$32 \cdot 7$
36	,,	2nd	,,	,,	,,	,,	,,	 	$35 \cdot 1$
16	,, .	1st	,,	,,	,,	,,	,,	 	$25 \cdot 6$
Total p	lantings	to o	late a	are as fol	llows :—				
									acres.
Sul	tanas ai	nd G		••				 	$2,715 \cdot 0$
Sul Wa	tanas ai ltham (nd G Cross						 · · ·	$2,715 \cdot 0 \\ 148 \cdot 0$
Sul Wa	tanas ai	nd G Cross		••				 	$2,715 \cdot 0$
Sul Wa	tanas ai ltham (ner Vine	nd G Cross		• •				 	$2,715 \cdot 0 \\ 148 \cdot 0$
Sul Wa Oth Cit	tanas ai ltham (ner Vine	nd G Cross						 	$2,715 \cdot 0$ $148 \cdot 0$ $13 \cdot 0$

Figures do not include special domestic and stock watering = 103 acre feet.

The extension of the settlement continued during the year and a further 35 blocks were prepared for irrigation. The final stage of the irrigation district of 246 blocks will be completed during 1955–56.

A commencement was made with the sub-surface drainage on the section of the settlement east of the railway line.

Commencing in September, 1949, with a capital value of buildings and plant of £13,270 and treating a production of 171 tons, the Robinvale Producers Co-operative Co. Ltd., of which all settlers are shareholders, now operates with a capital value of £115,000 and employes up to 100 persons in the picking season.

Further extensions of buildings and plant are taking place to cope with recent allocation of blocks.

Six general irrigations and one special watering were supplied during the year, details of which are as follows:—

Irrigation Number.	Period,		Acre Feet Pumped.	Equivalent Average Dept per Watering	
				inches.	
l	24th August, 1954, to 12th September, 1954	 	1,905	$7 \cdot 2$	
2	19th October, 1954, to 5th November, 1954	 	1,754	$6 \cdot 7$	
3	30th November, 1954, to 20th December, 1954	 !	1,312	5.0	
4	30th December, 1954, to 19th January, 1955	 	2,450	9.3	
5	25th January, 1955, to 14th February, 1955	 	2,262	8.6	
6	13th April, 1955, to 24th April, 1955	 ٠	955	3.6	
	Total Season 1954 55	 	10,638	6.7	

Figures do not include special Gordo and Citrus watering 15th to 17th March, 1955.

In the Tol Tol area east of Robinvale, to which water is pumped from the Murray by private diverters, 250 acres have been planted with olive trees and 195 acres to citrus. Although the olive trees are young, 112 tons of olives were harvested for the season, the oil being extracted by a local treatment plant.

Two private packing sheds packed 14,000 cases of oranges, lemons, grapefruit, and mandarins, while over 220 acres of peas and other vegetables were planted in the area and found a ready market in Sydney and Melbourne.

Robinvale Township.

Considerable expansion took place during the year. Twelve new businesses were established, two new banking chambers were built and one new bank opened for business.

The school which had 30 pupils in 1947 now has an attendance of over 600 and will probably exceed 1,000 pupils in the next two years.

Foundations are being laid for a new £62,000 twelve-bed hospital.

MECHANICAL BRANCH.

Cohuna, Koondrook, Swan Hill.

Pumping for irrigation purposes in Northern Victoria was first utilized by the Commission in 1908 in the Cohuna District. Large centrifugal pumps of 50 cusecs output driven by triple expansion steam engines delivered into the irrigation channels some 15 feet above the normal level of the River Murray. Similar pumps were installed at Swan Hill and Koondrook in 1909 and 1910, but all were superseded by the use of gravitational supplies following construction of the Torrumbarry Weir. Some of these pumping units were transferred for use on the Millewa Domestic and Stock water supply system in 1926 and are still giving satisfactory service.

Merbein, Nyah.

The first high head pumping stations for irrigation purposes were constructed at Nyah and Merbein in 1909, these districts being still served by pumping. The original pumps were steam engine driven centrifugals of revolutionary design, invented by the famous Professor A. G. M. Michell for supply at levels up to 80 feet above normal river.

Red Cliffs.

The development of the Red Cliffs Irrigation District shortly after the first World War, required the construction of a large pumping station, using steam turbine driven pumps. The largest units were capable of 110 cusecs output to the main channels 85 feet above normal river level, with smaller relift pumps delivering into channels more than 100 feet above the river.

Millewa.

The first major pumping installation for domestic and stock water supply was in 1926 for the Millewa Waterworks District, which covers an area of more than half a million acres in the north-west Mallee. Water is pumped to channel systems at various levels, the highest being 246 feet above normal River Murray level. Large diesel engines were first used by the Commission in 1926, for pumps supplying the highest channels of the Millewa District.

Robinvale.

The Robinvale Irrigation District which has been developed for the Soldier Settlement Commission after the Second World War has required the construction of a main pumping station at the river with several relift pumps delivering into a pressure pipe distribution system, as distinct from the channel systems in other districts.

Further Developments.

The present trend is for replacement of steam engines by electric motors, as power supply becomes available, otherwise by diesel engines, and installation of more efficient centrifugal pumps of modern design. Important developments have been the conversion of the Merbein pumping station to electric motor drive with power generated at Red Cliffs pumping station, and following the recent construction of a new power station by the State Electricity Commission at Red Cliffs, conversion of the Red Cliffs pumping station to electric motor drive is also in progress.

Pumping Stations.

The Commission's main pumping stations are situated on or near the River Murray, and supply water for the irrigation districts of Red Cliffs-Merbein, Nyah, Robinvale, and Tresco, and the Waterworks Districts of Millewa, Yelta, and Tyntynder North. Total quantity of water pumped from the River Murray during the year by the Commission's pumps was 98,000 acre feet.

Several smaller pumping stations supply water for domestic and stock requirements to lands above gravitational levels in Waterworks Districts.

Drainage pumping plants for the relief of flooding in low-lying areas are operating in the irrigation districts of Red Cliffs-Merbein, Swan Hill, and Koondrook, and in the Carrum Drainage District.

Pumping plants are also operated by the Commission for water supply to 45 towns mainly in the Wimmera-Mallee Division.

Red Cliffs Pumping Station.

The conversion of the Red Cliffs main irrigation pumping station from steam to electric drive progressed during the year with the installation of new 40 and 60-cusec pumps; work is in progress on the installation of a new 80-cusec pump. Arrangements have been made for the transfer of steam boilers and electricity generating plant to the State Electricity Commission.

Robinvale Pumping Station.

For extensions to the Robinvale Irrigation District, a new diesel pump of 20-cusecs output has been installed at the main pumping station, and work is in progress on the construction of a new relift pumping station of 25-cusecs output.

Urban Pumping Plants.

New plant was installed during the year for water supply to the Urban Districts of Birchip, Cohuna, Hopetoun, Heyfield, Lysterfield, Manangatang, and Woomelang.

MOTOR TRANSPORT.

The total number of motor vehicles operated by the Commission was 549, including 35 cars, 284 utility trucks, 28 motor-cycles, and 202 other types. Of this total, 134 vehicles were operated by construction contractors at Eildon and Cairn Curran works.

Commission owned vehicles (excluding contractors' vehicles), covered a total distance of 3,456,373 miles during the year, while vehicles owned by the staff of the Commission, and operated on a mileage basis, covered a further distance of 679,813 miles.

Low-loading transporters covered a total distance of 30,250 miles on the transport of heavy earthmoving plant.

Eighty-eight new vehicles were purchased during the year of which 58 were for replacements and 30 additions to the fleet.

INVESTIGATIONS AND DESIGNS BRANCH.

The work of the Investigations and Designs Branch has been restricted by a shortage of Designing Engineers and Draughtsmen and much overtime has been worked in an endeavour to maintain the rate of plan production necessary for the Commission's construction programme. Investigation and forward planning of new works and projects was much retarded.

During the year, a new research station was formed incorporating the former Engineering Research Branch and the Hydraulic Research Laboratory at Werribee.

CENTRAL GIPPSLAND PROJECT.

Glenmaggie Dam.

Detailed designs are being prepared for the works necessary for the installation of spillway gates on the Glenmaggie Dam to enable its capacity to be increased from 106,000 acre feet to 154,300 acre feet and for the reconstruction of existing outlets.

Nambrok-Denison Soldier Settlement.

The design of the irrigation works and the subdivision of the Nambrok-Denison soldier settlement area were completed. One hundred and twenty-nine miles of irrigation channels are necessary to supply water for irrigation to this settlement.

Main Eastern Channel.

Designs were in progress for the Main Eastern Channel for the supply of water to the south-eastern portion of the Maffra–Sale irrigation district, a large part of the area being formerly served by the existing Main Northern Channel. The channel, which will have a capacity of 250 cusecs, will be $7\frac{1}{2}$ miles in length.

Heyfield Extension Area.

Preliminary designs for the $12\frac{1}{2}$ miles of channels required to supply the Heyfield Extension Area situated east of Heyfield and north of the Thomson River have been completed.

Goulburn Irrigation System.

Eildon Project.

Plan work for the Big Eildon Dam was completed during the year.

Remodelling of the Goulburn Channel System.

Soil surveys were completed by the Department of Agriculture in Boort, Deakin, South Shepparton, and parts of North Shepparton, and Tragowel Plains, and preliminary land classifications were completed in Boort and Deakin Districts.

The preparation of base plans (1 inch to 40 chains) showing works of water supply and land tenure has been continued, 24 plans having been completed and progress made on 11 others.

Goulburn-Waranga Second Channel.

Plans and specifications for the four major structures on the Goulburn-Waranga Second Channel and two associated structures on the Goulburn-Waranga First Channel were completed.

East Goulburn Main Channel.

Plans and specifications for the enlargement of the first $31\frac{3}{4}$ miles of the East Goulburn Main Channel between the offtake at Goulburn Weir pool and the Broken River crossing were almost completed during the year. The capacity of the channel is to be increased from 430 cusecs to 1,000 cusecs.

Waranga Western Main Channel.

Investigations and designs for the enlargement of the first six miles of the Waranga Western Main Channel to a capacity of 2,500 cusees were resumed.

Rodney District Channels.

Plans and specifications were commenced for the construction of a new main channel in the Rodney District to have a capacity of 450 cusecs.

LODDON RIVER DEVELOPMENT.

Cairn Curran Dam.

Following the decision to recommence the construction of the dam, action was taken to complete structural drawings for the project.

Reservoir on Tullaroop Creek.

Field investigations including geological surveys, drilling, sampling, and testing of materials in connection with the Rodborough Reservoir have been continued to provide information for design purposes. The Lands Department assisted with this work by providing and operating a drilling machine.

Mornington Peninsula Waterworks District.

Investigations at the site of a new service reservoir for Mornington are in progress.

Tarago River Diversion.

Plans were completed for all work upstream from and including the Tarago tunnel, while plans for the raceline and siphon below the tunnel were prepared during the year in accordance with construction requirements. A one-sixteenth scale model of the proposed diversion weir on the Tarago River was constructed and tested to check the possibilities of scouring below the weir.

OTWAY WATERWORKS DISTRICT.

The operation of the Otway Waterworks System is being studied to determine what additional works are necessary to increase its capacity in view of the increasing demand for water. Several alternative sites for new reservoirs are being investigated.

CARRUM DRAINAGE DISTRICT.

Investigations and designs were commenced for the remodelling of the embankments of the main drain from Pillar's Bridge to the Patterson River outlet to the sea.

Bellarine Peninsula Waterworks District.

West Barwon Dam.

Investigations of several alternative sites for the proposed West Barwon Dam have been continued and estimates made of costs of various types of structures. As a result of these investigations a site immediately downstream from the junction of the Munday Creek and the West Barwon River has been selected for the construction of a dam.

Wurdee Boluc Reservoir Enlargement.

Documents were prepared for the calling of tenders for the enlargement of the Wurdee Boluc Reservoir as well as detailed drawings for the outlet structure and necessary road deviation.

Wurdee Buloc Inlet Channel.

Plans and specifications for earthworks and associated minor structures for the enlargement of the Wurdee Buloc Inlet Channel to an ultimate capacity of 100 cusees were completed.

MURRAY VALLEY IRRIGATION DISTRICT.

Soldier Settlement Area.

Design work for the expansion of the soldier settlement area by 41 blocks was completed. Drainage investigations were continued and a general basis for drainage design adopted for the first 10 miles of drain No. 6 which will have a capacity of 225 cusecs at its outlet. This drain will ultimately serve 40 per cent. of the soldier settlement area.

Horsham Soldier Settlement.

The design of channel works and internal layouts of 25 irrigation farms was completed.

ROBINVALE IRRIGATION DISTRICT.

The design of reticulation works for the extension of this district by 80 blocks was completed, together with block layouts for 37 holdings.

TORRUMBARRY SYSTEM.

Macorna Channel Flumes.

Following the completion of the Pyramid Creek flume on the Macorna Channel with precast concrete units made at the Commission's Bendigo Depot, designs were prepared for a similar structure to replace the old timber flume known as Bannagher No. 3 flume. Designs are in progress for the reconstruction of Grinton's flume.

Progressive refinements to design have been made as a result of improved technique and control of concrete manufacture at the Bendigo Depot.

Koo-wee-rup Flood Protection District.

Investigations were commenced of alternative proposals for the improvement of the Bunyip Main Drain between Cora Lynn and Vervale with a view to ensuring the escape of all flood flows in excess of 4,000 cusecs at or above Cora Lynn.

LITTLE RIVER WEIR.

Designs were prepared for the raising of the Little River Weir by the provision of flash boards above the existing crest.

LATROBE VALLEY SUB-REGION.

A comprehensive report was prepared to summarize analyses of the stream flows and meteorologic data available for the Latrobe Valley with a view to indicating available water resources.

Designs have been prepared and investigations carried out on behalf of the Latrobe Valley Water and Sewerage Board for water supply from the Tyers River to the Morwell area.

GENERAL HYDROLOGY.

Hydrologic investigations including generalized estimates of flood flows based on rainfall data are being carried out. A statistical examination of storm rainfall at a large number of stations in the State has been made and investigations showing area, extent and depth of rainfall for Victorian streams is in progress as well as a statistical examination of flood flows.

RIVER GAUGINGS.

The gauging of streams in Victoria was commenced in January, 1875, with regular measurements of discharges in the Coliban River at Malmsbury. Since that time the number of gauging stations has been progressively increased. At present there are twelve stations which have been in operation for more than 60 years and records of these stations are particularly valuable as they enable trends in stream flow to be determined.

On the 30th June, 1955, there were 97 daily read staff gauging stations and 55 recorder stations operated by the Commission. This includes seven staff stations and eight recorder stations established during 1954–55. During this period three staff stations were discontinued. The number of stream discharge measurements made during the year was 680 compared with 524 and 466 respectively for the last two years.

Hydraulic Research.

Experiments at the Commission's Werribee Research Station have been continued and new hydraulic designs developed for checks and drops, buried pipe offtake regulators and pipe culverts. This work has involved numerous tests on models of channel structures of various scales from $\frac{1}{4}$ to $\frac{1}{16}$ full size. The tests were made to develop designs providing minimum head loss and erosion. The information obtained is being incorporated into new standard designs for such channel structures.

In addition to hydraulic tests on models, hydraulic tests are also in progress for the calibration of the standard large Dethridge meter. Two propellor type water meters and two pumps were tested, one of the latter being for the Soldier Settlement Commission.

A one-twelth scale model of portion of the movable weir at Mildura was constructed for the purpose of studying methods of clearing sand accumulations which hinder the movement of weir trestles when they are withdrawn or replaced.

Investigation Drilling.

A motorized auger drill has been obtained for field explorations. This machine will sink holes up to 8 inches in diameter to a depth of 100 feet or more and enable soil surveys and foundation explorations to be carried out expeditiously.

FILMS.

16mm. technical movie films of the hydraulic experiments on models of the Eildon Dam spillway and the Rocklands Dam stilling basin were made by the Commission's staff to record the hydraulic behaviour of these structures.

ENGINEERING LABORATORY.

Since 1924, when the Commission first acquired a large compression machine for testing the breaking strength of concrete cylinders, more than 20,000 tests have been made to check the quality of concrete used not only by the Commission but also by other Constructing Authorities in many parts of the State.

The Branch which carried out these and other tests was for a number of years known as the Testing Branch which carried out or supervised all other tests required by the Commission on water supplies or on materials purchased by the Commission.

The first Commission Laboratory for Soil Mechanics was set up in 1940 at Hume Reservoir, and in 1942 the Testing Branch in Melbourne was expanded to become the Engineering Research Laboratory to include soil mechanics and other activities. Since that time soil testing necessary for the design of all major Commission structures has been done at the Melbourne Laboratory.

During the year just completed, the Laboratory was incorporated in a newly created Research Section of the Investigations and Design Branch.

Tests were carried out during the year on various types of cement for the Commission, Government Departments and municipal authorities.

Nine hundred and sixty samples of water were subject to routine chemical analysis and 112 samples were microscopically examined.

Advice on the suitability of water for various purposes or on methods of water treatment were given when required. 1,045 samples of soil were received for testing during the year, mainly from the proposed reservoir sites of the West Barwon River and Tullaroop Creek.

Samples of soil from deposits to be used in the enlargement of Hume and Wurdee Boluc Reservoirs were also tested, as well as materials from other water supply projects.

Tests were also carried out by the Engineering Laboratory on concrete pipes, steel pipes, and castings. Inspection of asbestos cement pipes has been reduced to a minimum because of the suppliers policy of testing each individual pipe according to their own rigid standards.

A summary of materials tested during the year is given in the following table:-

						Quantity in	Lineal Feet.
		Item T	ested.		 	For Commission Use.	For other Authorities.
Asbestos Cement	Pipes				 	296,678	95,000
Concrete Pipes				• •	 	126,077	18,016
Steel Pipes					 	15,044	9,544
	Total			. ,	 	437,799	122,560

SURVEY BRANCH.

When the Commission was first formed, survey groups were attached to the various projects under senior engineers. The largest of these groups, under the control of Supervising Surveyor G. Gibbs, L.S., carried out the surveys of all works under the direct control of Commissioner Dethridge. Mr. Gibbs resigned in 1921 and was succeeded by Mr. A. J. Robin, M.V.I.S.

From time to time survey parties were brought under the control of Supervising Surveyor A. J. Robin until 1939 when the organization became officially known then as the Survey Branch under Chief Surveyor Robin although these titles had been unofficially used for some time.

The Commission commenced about 1938 to train suitable youths under Articles of Indenture to qualify as Licensed Surveyors. This training scheme was stepped up in the immediate post-war years. To date, 22 youths have completed their training and 14 have obtained the qualification of Licensed Surveyor. Unfortunately, 5 of these Licensed Surveyors have left the Commission's employ to obtain higher salaries elsewhere. At the present time, 14 young men are under Articles in various stages of training.

With the great expansion of water supply investigations after the 1939–45 war, the Survey Branch was re-organized by dividing the State roughly into five zones, each under the control of a Superintending Surveyor and by the appointment of an Assistant Chief Surveyor.

To obtain trained Survey Assistants, to work under the direction of Superintending Surveyors, a Training School was established at Numurkah in 1945. Twelve selected chainmen were given three months intensive training in the use of survey instruments and field methods by the then Assistant Chief Surveyor, Mr. R. G. Mason, L.S., M.I.S. (Aust.). This proved so successful that a further 12 men were trained in a similar manner in the following year. A third school was held some two years later. Of the total number of 30 who qualified, 17 remain in the Commission's employ.

At 30th June, 1955, the Survey Branch consisted of 13 Licensed Surveyors, 20 Assistant Surveyors and Articled Pupils, 9 Survey Assistants, 42 Chainmen, 17 Draughtsmen, and 1 Assistant.

During the year, in addition to routine and investigation surveys in the Mornington Peninsula, Bellarine, Central Gippsland, Wimmera, Mallee, and Coliban Districts, surveys on a number of major projects were carried out.

In the Latrobe Valley, the line for an outfall sewer from Rosedale to the sea was located.

Surveys for the enlargement of Mt. Ewen Reservoir were completed in the Otway System, and a trial survey was made in the catchment area for pipelines to tap further streams.

In the East Goulburn Channel System, section plans for 33 miles of the East Goulburn Main and Kaarimba Channels have been prepared, whilst at Eildon, surveys have been completed for 37 areas acquired in connexion with the enlargement of the Eildon Reservoir.

Water reticulation and sewer lines have been set out on the Bolga site for the new township of Tallangatta and further land acquisition surveys have been completed.

CONSTRUCTION.

BIG EILDON PROJECT.

On 15th June, 1951, the Premier of Victoria turned the first sod at an official ceremony to mark the commencement of work on the enlargement of Eildon Reservoir from 306,000 acre feet to 2,750,000 acre feet.

This reservoir is situated at the junction of the Goulburn and Delatite Rivers in the Central Highlands of Victoria. The catchment area covers 1,500 square miles of high mountainous country, mostly forest, with an annual average rainfall of 49 inches. The annual flow of the Goulburn and its tributaries at Eildon has varied from 546,000 acre feet in a drought year to 3,302,000 acre feet in a flood, the average annual flow being 1,378,000 acre feet.

The manner in which the enlargement of Eildon Reservoir was to be achieved was by the construction, immediately downstream from the original bank, of a colossal earth and rockfill embankment 260 feet high, 1,200 feet wide at the base, and 3,000 feet long, and containing more than 13,000,000 cubic yards of material.

The Commission, because of the great amount of work it had on hand, recommended to the Government that the construction of the Eildon embankment should be carried out by contract, and tenders were invited throughout Australia and in Great Britain, Europe, and America for the work. The successful tenderer was the Utah Construction Company of America which undertook to complete the embankment in a period of four years and 36 weeks from the 1st January, 1951, the first six months being required for acquisition and assembly of plant.

In spite of a serious setback due to lack of sufficient loan money during the period of the contract which considerably retarded progress, the work was completed by the end of June, 1955, which was within the period specified in the contract.

The work that has been carried out has meant the excavation of 7,000,000 cubic yards of rock and earth for the foundations of the dam and the creation of a great artificial gorge 200 feet wide and up to 250 feet deep to provide a spillway channel for floods around the end of the dam.

The amount of material placed in the dam was 13,400,000 cubic yards of earth and rockfill carefully zoned and consolidated throughout. In addition, 240,000 cubic yards of concrete were used in the spillway and outlet works.

Rock excavations involved drilling 170 miles of holes, mostly 7 inches in diameter in moderately soft stone. Blasting was carried out by means of giant charges of from 10 to 25 tons of explosives at a time; the larger explosions bringing down as much as 145,000 tons of rock in a single blast. The quantity of explosives used exceeded 2,000 tons.

Three gates 65 feet 6 inches by 20 feet high are installed in the spillway which has a flood capacity of 119,000 cusecs. The flood capacity of the reservoir outlets will be augmented by 8,000 cusecs when the large turbines to be installed by the State Electricity Commission are placed in the new power house.

Water for power production and irrigation is released from the reservoir through an outlet tower 235 feet high, from the base of which a steel lined tunnel 23 feet in diameter and 1,256 feet long leads to the State Electricity Commission's power house.

About two miles downstream from the Eildon Dam, a concrete weir with three steel gates 65 feet 6 inches wide and 20 feet high has been built to provide a detention pondage of some 3,000 acre feet capacity. The purpose of this pondage is to enable the rapidly varying flows from the turbines—which will be operated in accordance with changing power demands—to be re-regulated to avoid rapid changes in water level along the Goulburn River downstream.

The most modern earth-moving plant available was brought to Australia from America by the contractors for the Big Eildon Project, an important item being the Euclid Loader, a giant machine powered with a 260 h.p. engine and drawn by two 175 h.p. tractors. This machine excavated earth and clay and loaded it into very large trucks at rates up to 30 tons in less than a minute. The maximum output obtained by the contractors in 24 hours, covering two shifts, was 37,000 cubic yards, and some weeks 200,000 cubic yards of material were excavated by the loader.

Other major items of plant used were twenty-seven 25-cubic yard bottom-dump and twenty 15-cubic yard end-dump trucks, a $5\frac{1}{2}$ -cubic yard excavator, four $3\frac{1}{2}$ -cubic yard excavators, together with power drills, shovels, graders, tractors, Sheepsfoot rollers, and many other items.

At the height of construction the number of men engaged on the project reached 1,730.

An important policy decision made in regard to the housing of construction workers was to provide for a number of men to be accommodated in a town which could become a permanent asset after the completion of the dam. Therefore, in addition to building large temporary hostels for single men, 300 houses complete with internal fittings were imported from Great Britain to house married staff and workers and to provide the nucleus of the permanent town. Good roads were built and water, electricity and sewerage services were provided. Modern workshops for the servicing of construction plant were erected to designs which would facilitate their conversion to factories later. Provision was also made for adequate recreation and sporting facilities and other amenities.

The capacity of the reservoir, as already stated, is 2,750,000 acre feet. Its area at full supply level will be 34,200 acres and the waters of the storage when full, will extend 23 miles up the Goulburn River and 23 miles up the Delatite River.

The enlarged Eildon Reservoir will make it possible to double the amount of water supplied to irrigators by the Goulburn System and work on the enlargement of channels serving the Goulburn Irrigation District has already been commenced.

The Commission's action in building a permanent town has been amply justified, most of the houses and the workshops and other buildings being sold to the Masonite Corporation and Australian Consolidated Industries for the establishment of new industries at Eildon.

The enlargement of the Eildon Reservoir has necessitated also the transfer of the small town of Bonnie Doon. This work was practically completed during the year and 29 houses and 2 stores have been transferred to a site adjoining a new route on the Maroondah Highway.

HUME RESERVOIR ENLARGEMENT.

Tallangatta Township Removal.

Work on the transfer of the township of Tallangatta to its new site at Bolga which commenced in July, 1952, has been continued.

The construction of roads has been completed except for minor resurfacing and the sealing of certain major streets. The construction of concrete footpaths in the shopping centre was commenced and substantial progress has been made during the year on the construction of concrete kerb and channelling. The water supply system to serve the new township came into operation during the year and is functioning satisfactorily. The construction of sewer reticulation mains by contract was commenced just prior to the end of the year.

Negotiations regarding the construction of shops, industrial premises, churches, and other public buildings have been finalized, with the exception of some isolated cases. Considerable progress has been made on the preparation of most replacement buildings, and in most instances plans have been completed or are nearing completion.

Fourteen shops have been completed during the year and are almost ready for occupation, and a new Department Store is nearing completion. Work has been started on a cafe and residence and on a garage.

Construction of the new Butter Factory commenced just prior to Christmas, 1954, and had advanced to a stage enabling transfer of the machinery to commence on 27th May, 1955. The factory is scheduled to commence production at the new site by early August, 1955. Construction of the factory office and manager's residence is proceeding.

New offices for the Shire of Towong were commenced and good progress had been made by the end of the year.

Contracts were let for the construction of an Anglican Church and Rectory and for a new Memorial Hall.

A tender was accepted for the construction of five brick houses and contracts for a further ten brick houses were let towards the end of June, 1955. Three residents have arranged private contracts for the construction of their replacement dwellings.

The transfer of the licence for the Victoria Hotel was approved by the Licensing Court and excavation of the foundations for the new building was commenced.

Plans for a new boarding-house have been completed and prefabricated housing units are on the site.

Eighty-six houses were on site in the new township at the end of the year, comprising 35 dwellings removed from the old town, 13 prefabricated housing units transferred from Eildon, 20 prefabricated houses of the "Winwood" type, and 12 houses similar to those from Eildon but built on site from precut panels, also 6 "Winwood" type dwellings erected by the Victorian Railways Department to house their employees.

Including Commission staff and employees, 51 families were residing in the new town at the close of the year.

Early difficulties were found in obtaining tradesmen and minor contractors to rehabilitate houses after removal to the new site but the rate of rehabilitation was improving rapidly by the end of the year.

The Victorian Housing Commission has agreed to take over a minimum of ten "Winwood" type houses to accommodate the tenants of houses whose owners have elected not to transfer them to the new town, and delivery of an additional ten "Winwood" houses to replace these will commence early in the new year.

The Country Roads Board has continued to make good progress on the construction of road deviations throughout the area.

A tender for the construction of a large embankment to take the road and railway across the Mitta River near Tallangatta was accepted and good progress has been made on the earthworks. Tenders have been called for the construction of the necessary road and rail bridges.

The Railways Construction Branch accepted a tender for the construction of rail deviation earthworks at Ebden, Two Bays Creek, and Tallangatta. The Ebden and Two Bays Creek earthworks are approaching completion and the Bolga deviation will be commenced early in the new year.

Plans for the new railway station, shunting yards, and stock trucking yards have been finalized, and construction of a road bridge over the railway on the western approach to the new township is proceeding.

MURRAY VALLEY IRRIGATION DISTRICT.

The Murray Valley Irrigation District has an area of 269,000 acres, of which 64,000 acres are devoted to Soldier Settlement and subdivided into 440 dairy blocks and 109 fruit blocks, and 31 blocks retained by the former owners of the land. In all 1,367 holdings in this district have been connected to the irrigation system.

Work was started in June, 1935, with the excavation by horse teams of the Yarrawonga Main Channel. It was interrupted by the war but by 1950 over 90 per cent. of the channels had been excavated by horse teams. By June, 1950, 66 per cent. of the area was supplied with water. During that year an average of 400 men were employed on the project, 100 of whom were on land preparation. In that year also the Commission took over the preparation of land for the Soldier Settlement Commission.

From 1951 mechanical equipment was used for the construction of channels in this district in place of horse teams. All farming work is now done by dozers and draglines and as a result it is almost impossible to obtain a ten-horse scoop team.

By April, 1955, all the work on the supply channels was completed. 591 miles of channels have been excavated involving the removal of 8,729,200 cubic yards of earth. In addition, 4,879 structures have been installed.

Since the Commission took over the responsibility for the preparation of blocks for the Soldier Settlement Commission in 1950, the following work has been performed—Clearing 3,656 acres, ploughing 28,813 acres, graded and check banked 27,000 acres, delver channel formed 785 miles, scoop channel excavated 272,510 cubic yards, lucerne sown 12,037 acres, pastures sown 13,252 acres, orchards planted 1,328 acres.

All the blocks have been allocated in the area and there now remain only fourteen dairy blocks to be sown down to complete the whole of the Soldier Settlement in this area where more ex-servicemen have been placed on the land than in any other part of Australia.

In August, 1954, nine chains of bituminous membrane lining was laid on a section of spur 3–5 in an endeavour to stop seepage into a sand drift layer passing under the channel. Indications so far are that it has stopped the seepage, and the membrane when inspected after twelve months showed no signs of deterioration.

CAIRN CURRAN RESERVOIR.

A storage of 120,000 acre feet capacity is being created by the construction of an earthen dam across the Loddon River and a subsidiary embankment across a saddle in the surrounding high lands.

Construction ceased during 1952 because of a reduction in loan funds at that time. At that stage the subsidiary embankment had been completed but 500,000 cubic yards of material remained to be placed in the main embankment, and approximately 10,000 cubic yards of concrete was required to complete the spillway of the dam.

The offer of Utah Australia Ltd. to complete the dam under contract was accepted by the Commission on the 7th February, 1955, and on the 21st of February the placing of material had commenced on a two shift basis, using plant already on the works, supplemented by plant and labour which became available from the Big Eildon Project. Concreting operations commenced late in March on the intake tower and spillway.

For the period ended 30th June, 1955, 349,000 cubic yards of material had been placed in the embankment and 7,800 cubic yards of concrete had been poured since recommencement of the work, and installation of the permanent metal work had begun.

It is expected that the project will be completed during the coming year.

TARAGO RIVER DIVERSION.

Work was continued at an increased rate on this project which, when completed, will permit additional and urgently required water to be supplied to the Mornington Peninsula Waterworks District.

The site of the Tarago River Diversion Weir was cleared and the driving of timber piles was 25 per cent. completed at the end of the year.

The construction of the five-mile section of the Tarago Main Race upstream of the tunnel is now about 80 per cent. complete, 7,316 feet of reinforced concrete bench flume and 1,699 feet of concrete-lined channel being completed during the year, together with five siphons and other structures.

The contractors for the excavation of the remainder of the 10,499 feet tunnel from the downstream portal, Sainrapt and Brice (Aust.) Pty. Ltd., excavated a further 3,394 feet during the year and 1,541 feet remain to be excavated. Running ground was encountered in decomposed granodiorite which made it necessary to deviate the tunnel, increasing the length by 17 feet.

Concrete lining of part of the upstream section of the tunnel was continued and 865 feet were lined. An additional 146 feet of the floor was concreted.

Work is in progress on 3,150 feet of concrete pipe siphon and 4,040 feet of channel near Bunyip.

The 4,390 feet rising arm of the Bunyip Valley Siphon has been completed, and a temporary pumping station has been installed on the Bunyip River to supply additional water for the Mornington Peninsula next summer prior to the Tarago River water becoming available.

CENTRAL GIPPSLAND IRRIGATION PROJECT.

During the year channel construction in the Nambrok-Denison area continued. Water was supplied to a further 30 blocks of which 17 were allocated to ex-servicemen under the Soldier Settlement Scheme.

Cultivation, grading and sowing of land on behalf of the Soldier Settlement Commission has proceeded. Twenty-seven blocks were sown down during the year, making a total of 4,340 acres in 73 blocks completed since the inception of the scheme. The standard of pasture development has been generally very high, and excellent returns are being obtained from the blocks which have been established for two years or more.

Owing to financial limitations, work was confined principally to channel construction and land development.

At Glenmaggie Dam, the excavation of two short tunnels for new outlet pipes has been practically completed and some preliminary work in connexion with plant and equipment for the erection of spillway gates was put in hand.

Construction of drainage channels was commenced during the year and two miles of main drain were excavated. This work will improve drainage facilities in the southern portion of the Nambrok-Denison settlement.

LODDON WEIR.

On the 20th September, 1954, construction commenced on the installation of mechanically operated steel gates to replace manually operated drop-boards on the Loddon Weir which was constructed in 1928 to divert Loddon water into the Waranga Western Channel extension and to allow this channel to enter and leave the river immediately above the structure without the need for a siphon or flume type crossing.

The structure itself is of reinforced concrete construction with 28 equal openings each 10 feet high by 6 feet wide between piers. Manipulation of the wooden drop bars in flood time was slow, difficult and somewhat dangerous, and for this reason and to reduce leakage losses, it was decided to replace the drop bars with vertical-lift steel gates. The installation of the gates was completed by the end of March, 1955.

TORRUMBARRY IRRIGATION SYSTEM HEADWORKS.

National Channel Headworks Regulator.

Among important works being carried out to improve the efficiency of the Torrumbarry System is the construction of a new headworks regulator on the National Channel to replace the old timber headworks built in 1889. Practically all of the Torrumbarry Irrigation System is supplied from the River Murray via the National Channel, which has a capacity at full supply level of 1,600 cubic feet per second.

The old regulator had reached the end of its useful life and it was decided to replace it by a modern reinforced concrete structure designed as a combined road bridge and regulator with three gate openings 15 feet wide and 20 feet high.

Plant and equipment were assembled and preliminary work on the site was completed during April, 1954, the final month of the irrigation season. Immediately the irrigation season ended, the foundations were dewatered and construction was commenced and scheduled for completion to full supply level by the end of August, 1954.

Owing, however, to an early demand for water for irrigation and the low level of Kow Swamp, it became necessary to put the National Channel into service on July 30th, some three weeks earlier than intended. This meant that certain of the work below full supply level had to be left until the 1955 off-irrigation season.

All of the foundation work and some of the superstructure was completed in the twelve weeks between the end of the irrigation season in May, 1954, and the recommencement of irrigation in August, 1954, when the works were then closed down. The work was resumed in May, 1955, and the structure was approaching completion at the end of the year. It is expected that the large steel gates will be installed during the coming year.

Pyramid Creek Flume.

A precast reinforced concrete elevated flume 30 feet wide, 5 feet 3 inches deep and 223 feet long, with a capacity of 350 cusees, and associated earth channel deviations were constructed to replace the old Pyramid Creek flume.

Bannagher No. 3 Flume.

Work was commenced during May, 1955, on the replacement of the Bannagher flume by precast reinforced concrete elevated flume 20 feet wide, 5 feet 3 inches deep, 180 feet long. The flume, which has a capacity of 132 cusecs, is expected to be finished in August, 1955.

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GOULBURN-WARANGA SECOND CHANNEL.

The duplication of the Goulburn-Waranga Channel, which conveys water from the Goulburn River at the Goulburn Weir to the Waranga Basin, has been the first and most important work to be undertaken to enable advantage to be taken of the additional waters made available by the enlargement of Eildon Reservoir.

The original Goulburn-Waranga Main Channel—to be known in future as the Goulburn-Waranga First Channel—was completed in 1891, with a designed capacity of 1,723 cusecs and length of $23\frac{1}{2}$ miles. The question of increasing its capacity was investigated by the Parliamentary Public Works Committee in 1946. That Committee decided that a total channel capacity of 3,000 cusecs was necessary to enable full use to be made of the waters available from the Big Eildon to those parts of the Goulburn System on the west of the Goulburn River, and recommended that the best method of achieving this capacity was by the construction of a duplicate channel of 1,500 cusecs capacity.

Construction of the duplicate channel or Goulburn-Waranga Second Channel, as it will now be called, is being carried out under contract to the Commission by McDonald-Morrison Knudsen Co. of Sydney. The contract covers both earthworks and minor structures for a total length of 14 miles.

The earthworks involve the excavation of 5,032,000 cubic yards of earth, mainly soft decomposed grey mudstone containing a percentage of hard ironstone lumps with occasional reefs of sandstone, ironstone or limonite. The depth of the cut varies from 7 to 63 feet and the bed width from 20 to 48 feet. The water depth will be mainly 12 feet but up to 15 feet in places.

In addition to excavation of the channel, a large offtake regulator at the Goulburn Weir and seventeen other major structures have to be constructed. At the end of the period under review, 90 per cent. of the channel work had been carried out and all earthworks should be completed by the end of 1955. Good progress has also been made on the Offtake Regulator and other structures.

PLANT.

During the year, the Commission used mechanical plant of a total value of £3,950,000 of which £2,450,000 represented plant and motor vehicles used and maintained on the Eildon construction project. On other projects plant was used to the value of £1,500,000 of which £260,000 represented motor vehicles. Much of the maintenance work on this plant was carried out at the Central Plant Workshops at Bendigo which were established in 1946.

The workshops, stores, and administrative buildings, cover an area of 44,550 square feet.

Low-loaders transport heavy equipment for overhaul and repair to the workshops from the Commission's water conservation projects throughout Victoria. In addition to carrying out work for the Commission itself, the workshops also overhaul for maintenance purposes much plant for other Government organizations.

In January, 1954, a section of the workshops was equipped for precasting concrete flumes and other structures, one of the first works of this type carried out there being the large flume at Pyramid referred to elsewhere in this report, the completed structure being 30 feet wide, 5 feet 3 inches deep, and 223 feet long and having a capacity of 350 cusecs.

During the year the workshops were actively engaged upon the repair of plant and vehicles for the Commission and other authorities and the manufacture of precast components for the Commission's works.

TOWN WATER SUPPLIES.

BELLARINE PENINSULA SYSTEM.

In 1927 a water supply scheme was commenced to enable water to be conveyed from the headwaters of the Barwon River in the Otway Ranges to the towns of Anglesea, torquay, Barwon Heads, Ocean Grove, Point Lonsdale, Queenscliff, Drysdale, and Portarlington, and to supply water in bulk to meet a major part of the requirements of the City of Geelong. All these towns were supplied by 1934.

By the end of 1945 the number of services supplied in the Commission's Districts was 1,969, and Geelong's demand on the System had reached over 1,000 million gallons per annum. Ten years later, at the end of 1954–55, the number of services in the Bellarine towns had increased to 3,996, while the requirements of Geelong had reached 1,260 million gallons per annum and were very rapidly increasing.

Arrangements were completed during the year for the transfer to the Geelong Waterworks and Sewerage Trust on the 1st July, 1955, of the control and development of the headworks section of the Commission's Bellarine Peninsula System. Clauses in the agreement between the Commission and the Trust safeguard the interests of water consumers in the Bellarine towns from Drysdale to Anglesea including Birregurra for which towns the Commission will purchase water from the Trust in bulk.

Contracts were let during the year for the enlargement of the Wurdee Boluc Reservoir from 10,000 to 15,000 acre feet and for the enlargement of the inlet channel in the earthworks section from a capacity of 50 cusecs to 100 cusecs.

Work was commenced on the laying of an extension of $4\frac{1}{2}$ miles of new main to provide a domestic and stock water supply to 45 rural properties in the Wallington District.

THE COLIBAN SYSTEM.

The Coliban System was started by the Victorian Water Supply Department in 1861 to bring water from the central highlands at Malmsbury to meet the urgent needs of Sandhurst—now Bendigo—and other gold mining towns.

The system of 406 miles of aqueducts and channels and 350 miles of pipelines supplies water to the City of Bendigo, Borough of Eaglehawk, the Towns of Castlemaine and Maldon, and eighteen other townships.

The total number of services from the System on 30th June, 1955, was 15,584.

In addition to town supplies, irrigation water is supplied annually to some 7,700 acres of land, subdivided approximately into 3,400 acres of orchards, 800 acres of tomatoes, and 3,500 acres of native pastures, lucerne and hay, and other crops.

The main storages of the Coliban System comprising the Upper Coliban, Lauriston, and Malmsbury Reservoirs with a total capacity of 56,100 acre feet were filled in December from a less-than-average level in the previous May to August period. Filling of the storages was protracted on account of the inadequacy of winter rains on the catchment. Due to the long dry autumn, water usage in towns exceeded that of the preceding three years but all water requirements for the year were met.

Owing to limitation of loan funds, improvements, and extensions of reticulation were carried out to a limited extent only, and then on a basis requiring not more than two chains of pipe for each erected house.

Due to interruptions in supply resulting from defects in the old wood main eleven miles in length supplying Maldon, the storage at that town reached such a low level in summer that a temporary imposition of restrictions in the use of water in the reticulated area was unavoidable in order to allow for replenishment of the local storages after repairs to the main had been completed.

MORNINGTON PENINSULA SYSTEM.

The Mornington Peninsula water supply system was commenced in 1916, the principal objective at that time being to give a supply of water to the Flinders Naval Base. The initial project involved the tapping of the Toomuc Creek and the conveyance of the water by channel to a reservoir at Beaconsfield.

From this reservoir it was to be conveyed by pipeline to the Naval Base and other parts of the Peninsula. This work and the construction of reservoirs at Frankston and Mornington was completed by 1921 when the greater parts of the Mornington, Frankston, Seaford, Carrum, Chelsea, and Edithvale areas were given a reticulated water supply.

In 1920, the Commission took over the works of the Dandenong Waterworks Trust and later constructed works to supply water to Dandenong from the Mornington Peninsula System.

In 1925–26 the water race from the Beaconsfield Reservoir was extended beyond the Toomuc Creek to tap the Bunyip River to provide an increased and more assured supply of better quality water.

In 1928–39 the construction of the Lysterfield Reservoir was carried out to supplement the Bunyip River supply, this additional supply being necessary to meet the ever growing demand upon the stream.

By 1941 the Mornington Peninsula water supply system had been extended to supply the bayside areas from Dromana to Portsea. By the end of 1945 there were 12,000 separate services from the system and in ten years this number has been more than doubled to 27,000.

The domestic and industrial development in the Mornington Peninsula system, however, has been probably greater than in any other part of Victoria outside of the metropolitan area, and in order to meet the ever growing demand it was decided to tap the Tarago River.

This work was commenced in January, 1950, but in May, 1952, it had to be discontinued owing to financial restrictions upon the amount of money available to the Commission from the Loan Council. However, work was resumed in April, 1954, and it is expected that the Tarago River will provide additional water supplies at the head of the Mornington Peninsula system at the end of 1956.

Earth channel enlargement and siphon duplication were continued on the Bunyip Main Race as part of the works required to increase its ultimate capacity to 42 cusecs.

The number of new services throughout this fast developing district for the twelve months under review was 1,949.

Following dry conditions in that district during late spring and summer, restrictions throughout the system were imposed on the use of water for domestic gardens. Initial restrictions which prohibited the watering of domestic gardens except by hand methods and limited the hours of watering for sports areas came into operation on the 13th October, 1954. Further restrictions had to be imposed on the 3rd December, 1954, by permitting domestic water of gardens by hand only between the hours of 5.30 p.m. and 8.00 p.m.

The second stage of restrictions were lifted on the 7th March, 1955, and restrictions completely removed on the 1st April, 1955. Restrictions will, however, be unavoidable every summer until funds can be obtained to increase the capacity of main pipelines throughout the system.

A new pipeline of 27-inch, 21-inch, and 18-inch diameter between the Frankston and Mornington Reservoirs was practically completed, and progress was made on enlarging the pipeline between the Bittern Bifurcation and the Frankston Reservoir to a 36-inch diameter main.

The 24-inch diameter main in Princes Highway was extended to enable supply to be given to the new Housing Commission's Estate at Doveton.

Work was also carried out on enlarging the channel between the Lysterfield Reservoir and the Hallam Basins to meet increased industrial demands for water in East Dandenong.

OTWAY SYSTEM.

The Otway water supply system to provide a reticulated water supply to the towns of Camperdown, Terang, Cobden, and Allansford, and also to supply water in bulk for the City of Warrnambool was commenced in 1935 and completed in 1938.

A catchment area of approximately three square miles of heavily timbered country in very high rainfall area was purchased by the Commission near Wyleangta in the heart of the Otway Ranges.

Water is diverted in this area from the Arkin's Creek and conveyed through a pipeline some 70 miles in length to storages at Camperdown, Mt. Ewin, and Tank Hill, the total capacity of these reservoirs being 285 million gallons.

The total number of services supplied by the Otway water supply system is 2,660, in addition to which 310 million gallons is supplied annually to the City of Warrnambool.

As in other water supply systems under the control of the Commission, there has been a very rapid increase in the demands for water from the Otway pipeline which is at present considerably overtaxed in a dry year.

Investigations are therefore now being made with a view to an enlargement of the headworks.

In recent years there has been a marked increase in the use of reticulated supplies of water by farmers adjacent to the main pipelines of this system and a number of extensions has been made to the rural communities of Carpendeit and Carlisle River.

Diversions from the headworks kept the district storages at full capacity until mid-December. From that time until the end of April the heavy demand lowered the storages to 23 per cent. of full capacity early in May when increasing flow from the catchment exceeded diminishing demand from water users and storages started to refill.

The quantity of water supplied in bulk to the Warrnambool Trust for the year ended 31st October, 1954, was 366,497,000 gallons.

Wonthaggi District.

During the year a contract was let for the cleaning and cement mortar lining in situ of the full length of $8\frac{3}{4}$ miles of the 12-inch diameter cast iron main between Lance Creek Reservoir and the high level basin in Wonthaggi. This main was originally laid in 1911 but corrosion since then has reduced its capacity.

The work of lining to restore its carrying capacity was commenced on the 6th May, 1955, and by the end of June, 11,320 feet had been completed.

WIMMERA-MALLEE TOWNS.

Full supplies were delivered through the Wimmera-Mallee Domestic and Stock Water Supply System to the storages of 37 townships having pipe reticulation in the Wimmera-Mallee.

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

Extensions were made to supply new Housing Commission houses in the Dimboola, Natimuk, Nyah West, Ouyen, Birchip Urban Districts, and a new 12,000 gallon high-level tank was erected to serve the high area in Sea Lake.

The pumping plants of the Woomelang, Berriwillock, Nullawil, Birchip Urban Districts were changed from mechanical to electrical power, and Hopetoun urban changed from direct to alternating current.

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:—

		 		Services 1954-55.	Services at 30th June, 1955.	during Year 1954–55.	of Meters.	of Services Metered.
Coliban		 		211	15,584	1,294	12,450	80
Mornington Peninsula		 		1,949	27,573	232	18,080	66
Bellarine Peninsula .		 		183	3,996	2	2,917	73
Otway		 	••	99	2,660	157	2,551	96
Wonthaggi		 		7	1,643	;	90	5
Tot	tal	 		2,449	51,456	1,685	36,088	

WATERWORKS TRUSTS AND LOCAL GOVERNING BODIES.

There are now 150 local authorities supplying water for domestic, industrial, and agricultural purposes to country towns and to some rural areas throughout the State. These authorities comprise 131 Waterworks Trusts, 17 local Governing bodies, 1 Water and Sewerage Board, and 1 Irrigation Trust, all of which operate under the general supervision of the Commission.

The Boolara Waterworks Trust was constituted during the year and new supplies have been installed at Herne's Oak and Tooborac. In addition town supplies were provided with the assistance of Government grants at Serpentine and Tallarook, both of which are administered by local Shire Councils.

In November, 1954, construction was authorized on eighteen new town supplies but delays in the supply of pipes and other materials have retarded progress on these works.

Additional works involving an expenditure of £720,000 were authorized during the year, the greater portion of which was expended by the 30th June, 1954.

In addition, £280,000 was advanced to the Latrobe Valley Waterworks and Sewerage Board for expenditure on the Tyers River water supply project. The purpose of this work is to provide water for the Morwell briquetting plant of the State Electricity Commission and for the new gasification plant, and to provide supplementary bulk supplies of water for the towns of Morwell and Traralgon.

During the year the Board completed the construction of a 42-inch pipeline to the Morwell Service Basin and commenced 42-inch and 27-inch distribution mains from that Basin to the briquette factory and gasification plant at Morwell.

The Geelong Waterworks and Sewerage Trust which operates solely by means of loans raised from other than Government sources borrowed £500,000 during the year. The Geelong Trust completed construction of the new Bostock Reservoir which will almost double the output obtained from the Trust's East Moorabool System in dry periods.

The Broadford Waterworks Trust proceeded with the enlargement of a further section of the main pipeline and continued the reconstruction of the town reticulation system.

The Mildura Urban Trust commenced the construction of a new reinforced concrete elevated storage of 600,000 gallons capacity, the largest of its kind in the State.

Improvements to storage and reticulation systems were carried out in many other country towns throughout the State.

SEWERAGE AUTHORITIES.

There are at present 60 sewerage authorities controlling sewerage districts in country towns under the general supervision of the Commission.

Because of shortage of finance since 1942 only 30 of these authorities have been able to put their sewerage systems into operation.

In addition there is the Geelong Waterworks and Sewerage Trust which controls the sewerage of Geelong and suburbs and the Latrobe Valley Water and Sewerage Board now exercising sewerage functions within the Latrobe Valley. Both these authorities operate under special Acts.

During the year loans raised by country sewerage authorities from private sources amounted to £610,000, an increase of £248,000 on the previous year. Government funds were also advanced to these authorities to the extent of £70,000 making the total loans raised under the Sewerage Districts Acts £680,000. In addition £175,000 was borrowed by the Geelong Waterworks and Sewerage Trust, and Government loans amounting to £140,000 were advanced to the Latrobe Valley Water and Sewerage Board. The total expenditure on sewerage for the year was therefore £995,000.

Tenders were accepted for the construction of new sewerage systems in Maryborough and Stawell where the first stages of the works are being financed wholly by private borrowing. Installation of sewerage works was also commenced at the site of new Tallangatta township. The commencement of these three new projects represents the first substantial progress achieved for some years towards the carrying out of the large programme of approved sewerage works now estimated to cost £7,500,000. This programme has been severely curtailed in recent years because of shortage of loan funds.

The Latrobe Valley Water and Sewerage Board accepted tenders for the supply of pipe and for the construction of the section of the main outfall between Morwell and Rosedale. Investigatory work and detailed planning is proceeding for the construction of the remainder of this outfall which, when completed, will convey industrial wastes from the gasification plant and the Australian Paper Manufacturers works, as well as domestic sewerage from the Morwell area, to the sea.

RIVERS AND STREAMS DIVISION.

FLOODING.

Rainfall for the first four months of the year 1954–55 was generally not conducive to flooding; July and September were below average for most of the State, August somewhat above average in the central and north-west, and October also above average in most of the eastern half, with some heavy falls near the end of the month.

November, however, was a very wet month, with rainfall above average for most of the State. Rainfall in some localities was up to four times the normal, in two instances six times normal. Rainfall in Melbourne—811 points for the month—was the highest since 1855, and one fall of 286 points was a record for November. Flooding occurred in Gippsland, Yarram being the worst affected, and also in the Barwon River area and along the Yarra, Maribyrnong, and Werribee Rivers. Local flooding and traffic dislocation occurred in the metropolitan area on five occasions.

Further heavy rains in December caused some flooding in country areas, particularly in the Kyneton, Benalla, and North-eastern areas.

A dry period followed till the end of January. Thunderstorms in the middle of February caused some flooding in the northern part of the State, particularly in the Goulburn Valley, causing extensive damage to fruit crops, and the rainfall for the month was above average for most of the State. In March the rainfall was above average for the north-western, northern, and north-eastern parts of the State, but April was below average except in the south-west. Rains in May were general, totals being above average except in East Gippsland, part of the north-east and central area, and a few areas in West Gippsland and the Western District. June was above average for most of the State except Gippsland.

A noticeable feature of the year was the frequency of dry conditions in East Gippsland, for most of which the rainfall was below average for eight or nine months of the year.

RIVER IMPROVEMENT.

For a long period during the earlier years in Victoria little attention was paid to the care of the streams of Victoria outside the metropolitan area. As a result, many rivers and streams deteriorated seriously; some became blocked with logs and willow growth, increasing the flooding of adjoining lands, while on others erosion of the banks went on at an ever-accelerating rate and thousands of acres of excellent river flats were swept away.

The Commission, however, has for many years past taken a keen interest in the question of the improvement and control of the rivers and streams in Victoria. The late Commissioner A. S. Kenyon made a long and systematic study of Victorian rivers, and furnished advice to various authorities for the carrying out of remedial works where erosion and flooding were causing difficulties on streams.

The creation of the Rivers and Streams Fund in 1930 was a big step forward in getting the streams in Victoria under control. Reference to this Fund is made elsewhere in this Report.

During the Depression, large sums were made available from Unemployment Relief Funds towards the cost of clearing and other improvements to rivers. Much valuable work was affected therewith, but in only one or two cases was it possible to make provision for systematic maintenance, and after a while it became obvious that unless such provision was made, work done on streams was largely wasted.

The River Improvement Act 1948 made provision for this maintenance possible by authorizing the formation of River Improvement Trusts with power to carry out river improvement works on the streams and to levy rates on the lands within their districts. These trusts act under the general supervision of the Commission. In addition to River improvement, some of them carry out works of drainage to improve the land along the stream.

The constitution of the Mitta Mitta River Improvement Trust during the year has brought the number of these trusts to twelve. Ten of them are river improvement trusts, and two are drainage trusts. These trusts have done very valuable work, though their activities have been largely limited by lack of sufficient loan funds. The Trusts have, however, been given power to borrow money privately, and this has enabled the amount of money devoted to River Improvement work to be considerably increased.

The application for a river improvement district and trust for the Macalister River has been under review. An application was lodged for a trust on the Merri Creek near Wallan, but owing to some local objections this was referred back to the applicant Shire Council. Other applications for trusts along the Powlett, Glenelg, and Mitchell Rivers and in the Strathdownie area have been under preparation.

The Lough Calvert Drainage Trust carried on during the year with its work of draining accumulated floodwater from portion of the "creeping lakes" area flooded in 1951 and 1952. By June, 1955, some 10,000 acres had been freed of water and were being brought back into production.

The Avon River Improvement Trust carried out works to check the very active erosion along that river, particularly where the Commission's channels and other public works were threatened.

The Latrobe Trust continued with its programme of river clearing and drainage, and commenced operations for the control of erosion on Eaglehawk Creek, silt and flooding from which has several times blocked the main Traralgon-Maffra road and railway.

The King, Kiewa, Ovens, Tambo, Mitta Mitta, Snowy, and Tarwin Trusts carried out river clearing, erosion and other improvement works.

RIVERS AND STREAMS FUND.

The Country Roads Board Fund Act No. 3944 of 1930 provided that fees received in respect to water frontages, which had formerly been paid to the Country Roads Board, should be paid into an account at the Treasury to be called the "Rivers and Streams Fund", and that the money standing to the credit of this Fund should be applied on the recommendation of the Commissioner of Public Works, after consultation with the Commission, for or towards the removal of obstructions from streams and the prevention of erosion of the banks thereof.

The River Improvement Act 1948 transferred from the Commissioner of Public Works to the Minister of Water Supply, the power to make grants from the Fund, and the Commission, in consequence took over the administration of the Fund as from January 1st, 1949.

Grants from the Fund are normally made on a contributory basis. They are made only to public bodies, usually municipal councils, and not to individuals, but landholders may ask a municipal council to apply for grants and carry out remedial works for the benefit of their properties, making any necessary arrangements with the councils for the finding of the local contribution.

Up to 30th June, 1955, some 1,404 grants had been made from the Fund, the total of these being over £310,000; taking into account the local contributions, this represents a large expenditure on stream improvement. Over a hundred municipal councils have received grants from the Fund, besides various Government departments and other public bodies.

Over the years this Fund has played a very valuable part in the improvement of the streams of Victoria. Although the resources of the Fund are restricted, so that grants from it have had to be of limited size and no very large works could be financed from it, the Fund has made possible a great deal of useful work in saving streams from deterioration and private and public property from damage. Moreover, it has provided valuable experience in determining the most effective and economical technique for the control of streams, and, by showing what is possible in the way of stream improvement, it has aroused widespread interest in stream control work and paved the way for larger and more systematic operations.

It became obvious in recent years that the demand on the Fund was greater than its resources could meet, and that its revenue would have to be increased. To this end, the *Water Act* 1954 made provision that the net receipts from fees for permits or licences to divert water from streams should also be paid into the Fund.

The total number of grants made from the Fund for the year 1954–55 was 72, representing a total of £19,546.

INTERSTATE RIVER MURRAY COMMITTEES.

The Interstate Committee on River Murray Levees investigated various proposals for the erection of levees on lands adjoining the River Murray.

The Interstate Departmental Committee for River Improvement Works on the Murray and Indi Rivers made inspections of various sites on these rivers where improvement works or removal of gravel from the river channel was proposed.

Mr. H. G. Strom, the Commission's Divisional Engineer for Rivers and Streams, is a member of both of these Committees.

SLUDGE ABATEMMENT 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, or for the discharge of mining debris.

The control exercised by the Board, which made inspections of mining operations in various parts of the State, has greatly reduced damage formerly caused by alluvial mining and has made possible the recovery of large quantities of gold and minerals without serious damage to streams and marginal lands.

The Commission's representative on the Board is its Divisional Engineer for Rivers and Streams, Mr. H. G. Strom.

VALUATIONS BRANCH.

VALUATIONS FOR LAND COMPENSATION.

The purchase of lands for the enlargement of Eildon Reservoir was responsible for a great part of the Branch's work during the year. This task, which was commenced in 1950–51 has now progressed to the point where settlement has been reached in approximately 80 per cent. of the total number of cases. For the year under review, 47 claims totalling £824,859, were negotiated to the stage of agreement with the owners, with payments agreed on for a total of £624,200.

TALLANGATTA TOWNSHIP TRANSFER.

The transfer of the Tallangatta Township to the new site at Bolga has also been a major task for the Valuations Branch in those aspects involving valuation.

In this instance, the emphasis has been not on payment of compensation, but on reaching agreement with owners on the terms of transfer to or reconstruction of their premises in the new town.

Progress in this connection is summarized below—

Type of Construction, &c.	Final Agreement Reached.	General Agreement Reached and Awaiting Formal Contract Agreement.	Negotiations Proceeding.
Business premises	6	27	4
Brick house (for construction in new town to replace those in existing town)	17	2	
Public buildings, &c. (e.g., Shire Hall, Churches, Halls, Schools, Post Office)	2	14	

In addition contracts of sale have been completed in four cases for the purchase, by tenants to be transferred from the existing town, of houses erected in or transferred to the new town by the Commission.

Thirty-eight weatherboard houses in the existing town have been classified as not removable. Compensation is being assessed for these where alternative housing in the new town is not desired by the owners. Compensation has been assessed for the minor improvements associated with the 106 weatherboard houses which are classified as removable. Thirty-four of these are already in position in the new town.

VALUATIONS FOR RATING PURPOSES.

Rating valuations which will be available for use in the rating year 1955-56 were carried out by Commission valuers in the following Districts —

Irrigation and Water Supply Districts: Rochester, North Shepparton, Maffra-Sale, Bacchus Marsh, and Tragowel Plains.

Waterworks Districts: Werribee, Western Wimmera, Wimmera United and Upper Wimmera United.

In all cases, these show considerable increases over the previous valuations, which were carried out during the period of land price control.

RATING VALUATION APPEALS.

Nine protests out of a total of 307 assessments were received from ratepayers in the Werribee District affected by District Valuations which were used for the first time in 1954–55. Explanation satisfied all of these protests.

SUPPLEMENTARY VALUATIONS.

Seven hundred and seventy-seven valuations were made during the year. 427 of these were in Irrigation and Water Supply Districts, 324 in Waterworks District, 24 in the Koo-wee-rup Flood Protection District, and 2 in the Carrum Drainage District.

TRAINING OF VALUERS.

Two Cadet Valuers successfully completed the final examination of the Commonwealth Institute of Valuers during the year, while a third was successful in the first-year examination.

HOUSING BRANCH.

During the year, 4 houses were purchased and 12 were constructed for the Commission, while 4 were transferred from Rocklands. At the end of the year 6 were under construction and contracts had been let for a further 6.

At the end of the year occupied residences totalled 513 of which 11 were on River Murray works.

TECHNICAL LIBRARY.

There were 474 new accessions to the Commission's Technical Library for the year, and a total number of 7,290 books and other publications, excluding periodical literature, are now recorded. The number of periodicals received and circulated during the year was 292.

Administrative procedures are being reorganized to permit the development of increased services to Library users, who, in addition to the Commission and its staff, include other public and private organizations, as well as students and members of the public interested in water conservation and allied subjects.

FIRST MILDURA IRRIGATION TRUST.

The 1954-55 Annual Report of the First Mildura Irrigation Trust shows that the Trust during the year supplied 43,824 acre feet of water for the irrigation of 62,183 acres, the average depth per acre for ordinary and special waterings being 8.5 inches.

The average area watered per day was 470 acres during ordinary irrigations and 205 acres during special irrigations.

The report shows that steady progress has been made on various contracts let by the Trust for the construction of the new Billabong pumping station which is expected to be in operation for the coming irrigation season.

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.

In the districts where water for irrigation is obtained by gravitation from the various storage reservoirs throughout the State, with the exception of two districts in which the charges were increased, the compulsory irrigation charges were unchanged from those operating for the previous year. No alteration was made in the unit charge in the four districts which are supplied with water by pumping from either the River Murray or storages. In six Irrigation and Water Supply Districts the rates were increased compared with those of the previous year, while in one district (Tresco), in which water rights were allotted for the first time, the rate was decreased.

Rates were increased from those made for the previous year in five Waterworks Districts, while in one Waterworks District the rate was reduced.

In four Urban Districts, rates, and also the minimum rates for land on which there is a building, were increased, while in four Urban Districts rates were reduced. The minimum rate for land on which there is a building was decreased in one Urban District.

The rates and charges in the four Flood Protection Districts were unchanged from those of the previous year.

No alteration was made in the drainage rates in Irrigation Districts where drainage facilities have been provided, nor in the Carrum Drainage District.

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

Estimated Number of Persons Dwelling in	District.					553 525 1,447 240	470 1,069 3,196	2,945 2,818 408	3,268 1,060	20,999		4,748		1,790	1,089	2,336	6,178
Number of Assessments.						293 218 516 87	167 594 1.042	2,404 765	1,083	8,046		1,727		696 39	488	99	2,627
Compulsory Irrigation Charge per Acre foot of Water Right.	Season 1.954-55.				s. d.					:		15 0					:
		-		4th.	s. d.	: :			9 0			:		:			:
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		UPPLY 1		1st.	s. d.	0 x 0 x			**************************************			1 0					:
Annual Value of Lands and Tenements.		WATER		Commission.	બ	29,600 17,955 51,840 15,305	33,299 57,308 106,041	181,550 53,442	59,579 68,650 59,128	710,194		159,235		78,616 3,793 39,741	53,480	61,274 2,479	237,029
Unimproved Capital Value.				Valuation by	અ	500,468 291,466 418,636 168,053	398,019 949,706 1,532,032	2,269,375 2,269,375 511,537	410,857 891,724	8,879,492		2,092,643		1,025,570 $58,502$ $451,535$	488,339 46 966	347,730 27,975	2,646,617
Water Rights Apportioned (including Extra Rights)	in Acre Feet.	IRRIGA				11,335 6,505 5,698 4,447	7,327 13,199 57,466	60,910 21,036 4.491	48,037 31,214	271,665		89,815		49,362 1,845	24,622 9,754	25,868 2,513	128,413
Area Classified as Irrigable in Acres.						56,530 32,532 21,204 4,447	61,183 $61,429$ 56.997	190,250 21,033	47,606 148,863	666,993		192,621		44,737 3,756 55,569	24,572 8 039	22,248 3,771	162,685
Area of District in Acres.						80,212 61,132 160,775 8,826	13,964 124,412 182,217	273,756 24,165 33,749	76,169 218,453	1,257,830		267,069		85,576 6,327 88,579	88,168 19,259	37,163 11,483	336,555
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Districts Supplied with Wat Domestic and Ordinary Use a Watering Cattle or Other 8					Supplied from Goulburn					Totals	Supplied from Yarrawong	13. Murray Valley	Supplied from Torruml System.	COHUNA FISH POINT KERANG	KOONDROOK MYSTIC PARK	SWAN HILL THIRD LAKE	Totals
	Area of Area Classified Apportioned District as Irrigable (Including Capital Or Spite Trigable Including Capital Or District in Acres, Extra Richts) Area of Area Classified Apportioned Annual Value Annual Value except where indicated Charge per Charge per Annual Value except where indicated Charge per Char	Area Classified Apportioned as Irrigable in Acres. Extra Rights in Acre Feet.	Area of Area Classified Apportioned as Irrigable in Acres, in Acres, in Acre Feet. Area of Area Classified Apportioned as Irrigable in Acres, in Acres Feet. Area Feet. Area Feet. Area Feet. Area Feet. Area Classified as Irrigable of Lands and in Acres Feet. Area Rights Area Feet. Area Rights Area Feet. Area Rights Area Feet. Area Rights Area Classified as Irrigable of Lands and in Acres Feet. Area Rights Area Foot of Area Flaght, Sassaments. Area Flaght, Sassaments Area Flaght Area Flaght	Area of Area Classified Apportioned as Irrigable In Acres. Area of Area Classified Apportioned as Irrigable In Acres. Area of Area Classified Apportioned as Irrigable In Acres. In Acre Feet. Divisions. Divisions.	Area of Area Classified Apportioned as Irrigable In Acres. In Acre	Area of Area Classified Apportsoned Of Lands and Annual Value (Compulsor) Area Classified Apportsoned Annual Value (Compulsor) By Irrigable Extra Rights (Including) By Irr	Natural Confidence Confiden	Natural Carle Supplied with Water for District Supplied with Water for Order Stock. Acres. Acres	Particle Supplied with Water for the State of Order Stock Area of Area of Area (Dasierle Area of Area (Dasierle Area of Area (Dasierle Area (Dasierle Area of Area (Dasierle Area) Area (Dasierle A	National Water Rights Nati	National Water State Supplied with Water Digitals Acres In In Acres In Acres In Acres In In Acres In In Acres In In In Acres In	Water States Area Classified Area Classified Area Classified Area Classified Total state and Ordinary Use and Commission Rate in the 8.1 made difficient Value cropp where indicated as Trictable in Area State in Ar	National Contract Supplied White Part Companies Contract Supplied White Part Companies Contract Supplied White Part White Part Contract Supplied White Part White Part	Name for the State Arms Arms Companies Arms Ar	Appendix Appendix	Second Control of Parts Second Control o	Article Arti

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

Estimated Number of	Persons Dwelling in District	Tasatron.					681 920 2,460 1,761	5,822		950	5,400	972	7,322	384		145	45,598
	Assessments.						284 89 652 290	1,315		252	1,485	198	1,935	179		147	15,976
Compulsory Irrigation Charge per	Acre foot of Water Right, Season	1954-55.	-			8. d.	40 0 25 0 25 0 25 0	:	For each	feet 150 0 For each	3 acre feet 180 0 For each	2½ acre feet 150 0	:	For each 2 acre feet 120 0	charge per acre foot for water	suppned as sales 15 0	:
55					4th.	s. d.	::0	:		0 41	0 41	:	:	:		:	:
h June, 198		Drainage Rate.		Divisions.	3rd.	s. d.	. :	:		6 0	6 0	:	:	:		:	:
ended 30tl		Draina		Divi	2nd.	8. d.		:		1 13	1 13	:	:	:		:	:
Rate in the £1 made during Year ended 30th June, 1955 on Net Annual Value except where indicated.					1st.	s. d.	::080	:		9 -	1 6	:	:	:		:	:
£1 made det Annual		re.	s;		3rd.	s. d.	:: ;	:		:	:	:	:	:		:	:
Rate in the		General Rate,	DISTRICTS	Divisions,	2nd.	s. d.	0 : 0	:		:	:	:	:	9 0		1 0	:
			SUPPLY D		1st	s. d.	0000	:		9 0	9 0	0 2	:	1 0		2 0	:
Annual Value	Tenements.		WATER SU	Valuation	by Commission.	⇔	17,344 28,205 91,894 146,783	284,226		13,648	225,012	:	238,660	13,906		9,041	1,652,291
Unimproved	Value.		TION AND	Valuation	by Commission.	ઝ	253,866 381,875 1,084,107 2,316,679	4,036,527		52,255	1,005,750	116,385	1,174,390	65,413		153,572	19,048,654
Water Rights Apportioned	Extra Rights) in Acre Feet.		IRRIGATION				3,302 9,128 25,766 8,150	46,346		7,180	57,877	10,779	75,836	4,094		;	616,169
Area Classified	as irrigable in Acres.						3,300 11,954 27,174 8,149	50,577		2,616	18,932	4,312	25,860	2,047		:	1,103,783
	District in Aeres.						6,744 58,508 72,916 9,698	147,866		3,843	22,822	8,669	35,334	4,650		19,736	2,069,040
Districts Supplied with Water for	Domestic and Ordinary Use and for Watering Cattle or Other Stock.				Committee Constitution Office	Supposed from Southern State Works.	21. Bacchus Marsh 22. Central Gipplestand 23. Maffra-Sale 24. Werribee	Totals	Supplied direct from River Murray.	25. Nyah	26, Red Clipps-Merbein	27. Robinvale	Totals	28. Tresco	Supplied on a Sale of Water	29. CAMPASPE	Totals (Irrigation)

VALUATIONS, RATES, AND FLOOD PROTECTION CHARGES.

Districts supplied with Water for Dom and Ordinary use and for Watering Cattle or other Stock.	estic	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate	e in the £1 ring Year e th June, 19	made	Minimum Amount of Rate per 640 Acres on Lands in the First Division.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
		WA	ATERWORKS	 s distr	ICTS.				
		Valuation by Commission.	Valuation by Commission.	1st.	Divisions.	3rd.			
Supplied from Wimmera–Mallee System.		£	£	s. d.	s. d.	s. d.	£ s. d.		
30. Birchip 31. Hindmarsh 32. Karkarooc 33. Long Lake 34. Ouyen 35. Sea Lake 36. Tyntynder 37. Tyrrell 38. Tyrrell West 39. Upper Western Wimmera 40. Upper Wimmera United 41. Western Wimmera 42. Wimmera United 43. Wycheproof 44. Wychitella		701,097 139,980 2,629,533 640,678 336,871 379,126 307,540 261,025 162,644 1,523,592 912,041 5,063,851 7,256,306 1,293,052 952,534	44,594 8,719 163,760 76,847 45,379 69,068 40,053 42,880 90,013 116,021 288,606 354,738 87,192 61,765	3 4 2 9 3 4 3 4 3 4 3 4 3 4 2 6 2 6 2 6 1 6 3 4 3 0	1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8 1 8	$ \begin{array}{c} 0 \ 10 \\ 0 \ 8\frac{1}{4} \\ 0 \ 10 \\ 0 \ 10 \\ 0 \ 10 \\ 0 \ 10 \\ 0 \ 10 \\ 0 \ 10 \\ 0 \ 7\frac{1}{2} \\ 0 \ 7\frac{1}{2} \\ 0 \ 4\frac{1}{2} \\ 0 \ 10 \\ 0 \ 9 \end{array} $	20 0 0 20 0 0	495 52 1,039 830 896 726 832 883 562 524 861 2,168 2,273 1,080 482	860 255 4,500 2,200 2,000 1,800 2,100 2,200 1,000 1,711 2,400 8,574 7,250 2,490 516
Totals		22,559,870	1,514,475					13,703	39,856
Supplied direct from River Murray. 45. MILLEWA		114,965 116,364 231,329	29,595 16,193 45,788	3 4 3 4	1 8	0 10 0 10	11 10 0 11 10 0	476 215 691	829 400 1,229
Supplied by Bores. 47. Walpeup West		387,326	22,896	1 0	0 6		6 13 4 1st Div., and 3 6 8 2nd Div.	1,142	600
Supplied from Coliban System									
48. AXE CREEK 49. HARCOURT	::	16,225 61,106	1,772 8,958	3 0 1 6				68 195	250 600
Totals		77,331	10,730					263	850
Miscellaneous. 50. East Loddon 51. Kerang North-West Lakes 52. Loddon 53. Normanville 54. Werribee 55. West Loddon		307,114 89,532 505,662 833,819 73,885 696,247	19,707 8,854 29,761 48,906 5,893 40,098	2 0 1 6 2 0 3 4 2 0 2 6	1 0 1 0 1 8 	$\begin{array}{c} 0 & 6 \\ 0 & 6 \\ 0 & 10 \\ 0 & 7\frac{1}{2} \end{array}$	 20 0 0	265 204 310 377 67 313	134 178 203 409 141
Totals	••	2,505,259	153,219					1,536	$-\frac{348}{1,413}$
Total (Waterworks)		25,761,115	1,747,108			••	• •	17,335	43,948

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, 1955.	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 I	ISTRICTS	AND DIV	isions.	Í	1	[
	Municipal Valuation.			i i	Rate Allowance. Excess.		
Supplied from Bellarine Peninsula System.	£	s. d.	s. d.	s. d.	s. d. s. d.		
56. Anglesea 57. Barwon Heads and Ocean Grove 58. Birregurra 59. Drysdale 60. Portarlington 61. Queenscliff and Point Lonsdale 62. Torquay	10,361 45,246 6,002 7,019 11,811 45,064 33,513	3 6 2 2 3 0 2 8 3 0 2 9 2 6	80 0 50 0 60 0 60 0 60 0 60 0 50 0	10 0 10 0 10 0 10 0 10 0 10 0 10 0	1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	332 1,145 159 181 359 992 667	350 2,550 460 600 900 3,350 980
Totals	159,016					3,835	9,190
Supplied from Mornington Peninsula System.							
63. Berwick	729,530 9,456 640,623 432,462 6,394 11,366 6,477 218,458 23,290	2 6 2 6 2 6 1 3 1 8 1 0 1 2 1 8 2 2 1 4 1 2 2 2 1 3	50 0 50 0 50 0 30 0 40 0 50 0 40 0 50 0 40 0 50 0 40 0 50 0 40 0 50 0	10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0	1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	340 419 190 9.883 180 8,535 4,641 107 254 150 1,896 320 112 741	1,120 860 620 32,050 540 27,020 10,800 376 700 490 5,900 1,136 380 2,200
Totals	2,230,514					27,768	84,192
Supplied from Otway System. 77. Allansford	52,097 22,842	2 8 2 8 2 8 2 8	60 0 60 0 60 0	10 0 10 0 10 0 10 0	1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	113 1,112 428 879	310 3,208 925 2,361
Totals	116,603			:		2,532	6,804
Supplied from Wimmera-Mallee System.		ļ					
81. Antwerp	2,472 3,788 9,389 1,633 268 567 2,385 22,084 274 8,772 9,553	3 6 3 6 3 6 3 6 3 6 3 6 3 6 3 6 2 6 2 6 3 6	80 0 80 0 60 0 80 0 80 0 80 0 80 0 30 0 70 0 50 0 40 0	10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0	1 4 1 4 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	23 92 205 361 99 30 49 84 697 6 301 302 44	50 205 407 915 300 38 70 175 1,903 24 911 921
Carried forward	60.600					2,293	6,099

VALUATIONS, RATES, AND FLOOD PROTECTION CHARGES-continued.

94. Lairent	Districts Supplied wi and Ordinary Use fr				Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1955.	Minimum Amount of Rate for Lands on which there is a Building.	Minimum Amount of Rate for Lands on which there is no Building.		Charge Gallons.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
Brought forward				Ţ	Jrban Dist	RICTS AND	Divisions-	-continued.	I		1	
### Brought forward 62,683					Municipal Valuation.		 			Excess.		
95. Laschilles 95. Masangataso 3.224 3 6 80 0 10 0 1 3 1 3 1 3 12 19 19 19 19 19 19 19 19 19 19 19 19 19	Brought	forward				s. d.	s. d.	s. d.	s. d.	s. d.	2,293	6,099
96. Marsagatanse	94. Lalbert				1,243		80 0	10 0	1 3	1 3	51	155
97. MARNOO												$\frac{110}{450}$
99. NASDALY 99. NASDALY 99. NASDALY 99. NASDALY 99. NASDALY 98. SA 0						2 4						300
O. Nathawrit												800 110
14,483						2 0						573
30, Papelewollock												100
94. PIMENTO												1,400 177
O. Friedd 1.00 1.00 1.30 1.	04. Pimpinio				394	0 4					30	68
9,800							(485 890
19. Speed 5.29 3 6 80 0 10 0 1 4 1 4 21	07. Rupanyup				9,690	3 0	60 0	10 0	1 3	1 3	233	900
10. Tempy												820 87
12. Wattehe	10. Темру				283	3 6						111
13. Walfert 960 3 6 130 0 10 0 1 4 1 4 84 14. Watchem 2,165 3 6 80 0 10 0 1 3 1 3 128 5 15. Woomeland 2,365 3 6 80 0 10 0 1 3 1 3 167 5 17. Wycherroot 14.871 3 6 80 0 10 0 1 3 1 3 167 5 17. Wycherroot 14.871 3 6 80 0 10 0 1 3 1 3 167 5 17. Wycherroot 14.871 3 6 80 0 10 0 1 3 1 3 320 8 18. Yaafeet 310 3 6 80 0 10 0 1 3 1 3 320 8 18. Yaafeet 310 3 6 80 0 10 0 1 3 1 3 320 8 18. Yaafeet 310 3 6 80 0 10 0 1 3 1 3 320 8 18. Yaafeet 310 3 6 80 0 10 0 1 3 1 3 320 8 18. Yaafeet 310 3 6 80 0 10 0 1 3 1 3 320 8 18. Yaafeet 310 3 6 80 0 10 0 1 3 1 3 120 3 1 3 120 3 1 3 120 3 1 3 120 3 1 3 120 3 1 3 120 3 1 3												260
14. Watchem											1	$\begin{array}{c} 18 \\ 120 \end{array}$
16. WOOBINEN												210
17. Wycheeproof												330 270
Totals					14,871	3 6		10 0	1 3	1 3	320	860
Supplied from Torumbarry System.	18. YAAPEET	• •	• •	• •	310	3 6	80 0	10 0	1 4	1 4	29	68
19. Cohuna	Totals	••		••	166,430				••		5,825	15,771
Totals T	Sy. 19. Cohuna 20. Koondrook		barry 			3 6	80 0			_		1,487 575
Totals 39,103 959 2,4											120	291
Supplied direct from River Murray. 96		••	••	• •	102	3 0			1 4	1 4		79
23. Carwarp	Totals				39,103			••			959	2,432
24. Lake Boga	Supplied direct fo	om River	Murray									
24 Lake Boga 3,467 3 6 80 0 10 0 1 3 1 3 190 4								I		1 4	19	31
26. Meringur 304 3 6 100 0 10 0 1 8 1 8 30 27. Nyah 1,864 3 6 80 0 10 0 1 3 1 3 76 52 28. Nyah West 6,915 2 0 40 0 10 0 1 3 1 3 13 87 19 29. Piangil 1,207 3 6 80 0 10 0 1 3 1 3 87 1 3 30. Red Cliffes 47,129 2 6 50 0 10 0 1 3 1 3 87 1 3 1 3 87 1 3 1 3 1 3 87 1 3 1 3 1 3 87 1 3							1				190	450
1,864 3 6 80 0 10 0 1 3 1 3 76 2 2 2 2 40 0 10 0 1 3 1 3 1 3 76 2 2 2 2 2 40 0 10 0 1 3	26. MERINGUR				304	3 6		10 0				1,635 60
29. Piangil												210
30. Red Cliffs	29. Piangil				1,207	3 6	80 0	10 0				500 180
Miscellaneous. 1,019 3 6 100 0 10 0 1 8 1 8 58 1					47,129				1 3	1 3	671	3,110
Totals												660 110
33. Corop	Totals										<u> </u>	6,946
33. Corop												
34. Dingee	Miscel	laneous.										
35. Heyfield 13,319 3 0 60 0 10 0 1 3 1 3 403 2,2 36. Lockington 4,971 2 0 40 0 10 0 1 3 1 3 123 3 37. Macorna 713 3 6 135 0 10 0 1 4 1 4 38 38. Marong 1,226 3 6 80 0 10 0 1 3 1 3 50 39. Mitamo 1,583 3 6 130 0 10 0 1 3 1 3 55 1 40. Newstead 4,888 3 6 80 0 10 0 1 3 1 3 173 4												50
36. Lockington		• •										9 240
37. Macorna	36. Lockington				4,971	2 0	40 0	10 0	1 3			2,2 40 3 00
39. MITIAMO									1 4	1 4	38	47
40. NEWSTEAD 4,888 3 6 80 0 10 0 1 3 1 3 173												200 135
												400
Carried forward 27,530 884 3,4	Carried	forward			27,530						884	3,412

9995/55.**—5**

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, 1955.	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 (per 1,000		Number of Assessments.	Estimated Number of Persons Dwelling in District
τ	JRBAN DIST Municipal Valuation.	RICTS AND	Divisions—	continued.	Rate Allowance.	Excess.	1	
${\it Miscellaneous}$ —continued.		,	· [!				
Brought forward	£ 27,530	s. d.	s. d.	s. d.	s. d.	s. d.	884	3,412
41. PYRAMID HILL	8,111	2 0	40 0	10 0	1 3	1 3	206	605
42. STANHOPE	3,934 1,560	2 0 3 6	50 0 100 0	10 0	1 3	1 3	110	450 118
44. Wonthaggi Totals	65,804	1 6	30 0	10 0	1 3	1 3	1,897	5,100
Totals	106,939					•••	3,137	9,685
		COLIBAN	SYSTEM.		To de la			
	Municipal Valuation.				Rate Allowance.	Excess.		
	£	s. d.	s. d.	s. d.	s. d.	s. d.		
45. COLIBAN	819,026	1 6	20 0	10 0	1 3	1 3	16,835	63,000
Includes Bendigo, Castlemaine, Eaglehawk, Maldon, Sarker's Creek, Campbell's Creek, Chewton, Elphintone, Epsom, Ascot, Fryerstown, Guildford, Harrourt, Huntly, Kangaroo Flat, Myer's Flat, Raywood, lebastian, Spring Gully, Taradale, and Yapeen. See under Waterworks Districts for Axe Creek and Jarcourt rural supplies and under Urban Districts or Marong.								
Totals (Urban)	3,727,614			• •		••	62,929	198,020
District.		Unimpr Capit Value	al T	tate in the £1 Year ended 30	made durii th June, 198	ng 5 5 .	Number of Assessments.	Estimated Number of Person Dwelling in District
	DI	RAINAGE	DISTRICT.	,				
				Divis	sions.			
			1st.	2nd.	3rd.	4th.		
							-	
		£	s. d.		s. d.	s. d.		
46. CARRUM		960,5	(wit	0 3 h a minimulate of $2/6$ per			5,716	5,200
District.	Annual Valu of Lands an Tenements.	d	Rate in th Year ended	e £1 made du 1 30th June, 1	ring 1955.		umber of sessments.	Estimated Number of Persons Dwelling in District.
	FLOOD	PROTECT	ION DISTI	RICTS.		1		
	Valuation b	у	b	ivisions.				
	Commission N.A.V.	1st.	2nd.	3rd.	4th			
	£	,	. s. d			,		
147. Lower Voc with the		8. d	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c} s. \\ 1 \end{array}$		1 109	9 100
147. Lower Koo-wee-rup	72,071		Charge per	Acre made d	uring		1,123	3,100
		s. d		1	i	d.		
				,				
148. CARDINIA	26,650 12,632 41,687	9 6	7 1	4 9 0 1	2 ···	4 <u>‡</u>	303 46 114	800 67 193

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. per annum where the area irrigated is not greater than 3\frac{1}{3} acres or, 15s. per acre per annum where the area irrigated exceeds 3\frac{1}{3} acres. In the Wimmera United Waterworks District the minimum annual payment for the area irrigated is 15s. per acre per annum where the area irrigated exceeds 3\frac{1}{3} acres. In the Wimmera United Waterworks District the minimum annual payment for the area irrigated. 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	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

(L. A. King, A.A.S.A., Chief Accountant.)

REVENUE.

The total revenue assessment for the year for rates and charges, sales of water, interest on arrears, &c., was £1,918,140. This represents an increase of £83,056 over the previous year. The actual sum collected during the year was £1,840,345 and represents 95.74 per cent. of the new money collectable.

An amount of £36,926 was written off the books of the Commission for the financial year 1954–55, as compared with £37,111 for the previous year. The total amount written off for the nineteen years ended 30th June, 1955, under the various headings as shown hereunder, was £784,080.

	£
Farmers' Debts Adjustment Act 1935 (No. 4326)	87,102
Adjustment of arrears of rates and charges and irrecoverable amounts—Act No. 4513	172,439
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	8,651
Unoccupied or vacated Crown lands	276,768
Reduction in rating classifications other than applicable to Act No. 5017	13,652
Concessions granted to water-users	68,540
North-West Mallee Settlement Areas Act 1948, No. 5321	19,585
Miscellaneous, including remission of interest accrued on Consolidated Arrears (Act No.	
4740) subsequent to 30th June, 1940	55,826
	784,080

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, 1955, was £14,570. 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, 1955, through default in payment of instalments, amounted to £1,195.

The arrears of rates and charges increased from £263,572 as at 1st July, 1954, to £304,978 as at 30th June, 1955—this figure includes the balance, £14,570 plus accrued interest, of arrears consolidated under Act No. 4740, mentioned in the preceding paragraph.

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.
		£	£	£	£
952–53		1,373,558	615,731	(a) 97 (b) 46,840	2,036,226
953–54		1,755,571	656,811	(a) 113 (b) 45,164	2,457,659
954–55		1,840,345	692,601	(a) 38 (b) 45,183	2,578,167

EXPENDITURE.

The expenditure for the year on maintenance, water distribution, and management, and the comparative figures for 1953-54 are set out hereunder:-

			1953–54. £	1954–55. £
From Annual Vote Appropriation From Annual Vote Appropriation (Exceptiona	 1)	 	2,690,036 $27,826$	*2,744,758 †36,863
	,		2,717,862	2,781,621

^{*} Includes £341,516 for recoup works, and also £321,778 for administration (including salaries, pay-roll tax, &c.) in respect of expenditure from other funds, charged to vote and recouped to Consolidated Revenue.

Total expenditure on works carried out or supervised by the Commission for the year 1954-55 was as set out hereunder:-

							£	£
Vote Funds							2,781,621	
Special Appropriation							$8,\!224$	
								2,789,845
Ordinary Loan Funds								
Commission Works							8,159,911	
Contribution to River I	Murray Con	nmission	Works				108,570	
Waterworks Trusts and	Local Gov	verning I	Bodies				623,735	
River Improvement Tru	asts						87,074	
Latrobe Valley Drainag	e and Wat	er Suppl	ly				289,468	
, o		11						9,268,758
Water Supply Works Depre	ciation Fu	nd			·			107,343
Total Expenditure on concernity Commission's Works	and Wate	er Suppl	ly Work	s super	vised by	Com		
including subsidies to	Sewerage	Authorit	ties, &c.	• •	• •			12,165,946 *

^{*} Excludes Expenditure from Plant and Machinery Depreciation Fund, £46,394, and Expenditure under Soldier Settlement Acts for work carried out on behalf of the Soldier Settlement Commission, £206,094.

\mathbf{E}	xpenditure	on	Capital	construction	works	was	provided	from :—
--------------	------------	----	---------	--------------	-------	-----	----------	---------

Water Supply Loans	Application	Act No	. 5748					2,316,631
Water Supply Loans	Application	Act No	. 5821					6,861,200
Treasurer's Advance						• •		90,927
							_	9,268,758
In addition, the Capi Supply was increase								
an amount of							•••	57,470
The total increase in	Loan Liabi	lity for	the year	was the	refore			9,326,228
Deduct—Commission	repayments	to-					£	
State Loa:	ns Repayme	nt Fund					163,016	
Redemptio	n Account						6,230	
Repaymen	ts by Water	works Tr	usts and	Local Go	verning I	Bodies	33,912	
1 0	•							203,158
The net increase in	Loan Liabili	ty for th	ie year v	vas				9,123,070

The contribution by the Government of Victoria to the River Murray Commission for the maintenance of works under the River Murray Agreement was £46,000 (included in the expenditure from Annual Vote Appropriation as shown above). expenditure by this Commission on the maintenance of these works was £20,487 and on construction of new works £535,229.

[†] Consists of £7,114 assistance to Sewerage Authorities where works are suspended; £24,996 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; subsidies to local Water Authorities in cases where the interest paid on Capital Liability is in excess of 3 per cent., £5,908; and ex gratia payment to disabled officer towards medical and hospital expenses, £300.

CAPITAL LIABILITY.

The Capital Loan Liability of the State for works of Country Water Supply at 30th June, 1955, was £80,918,141 of which amount £71,671,757 is charged to the "Capital Expenditure borne by the State Account." Of the remainder £4,167,697 is charged to Waterworks Trusts and Local Governing Bodies, £41,030 to River Improvement Trusts, £559,569 is charged to Latrobe Valley drainage under the general supervision of the Commission, £1,497,342 is debited to the Plant and Machinery Account, and the balance, £2,980,746 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 £6,304,588 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 rate per centum of interest so charged for 1954–55 is £3 10s. 11d.

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

			£	s.	d.
 	 	 	2,787,076	19	5
 	 	 	112,768	1	2
 • •	 	 	4,353	10	8
					—-
			2,904,198	11	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 1954–55 in relation to the Capital Liability.

Capital Debi ted to—	Capital Liability as at 30th June, 1955.	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	2,980,746	95,336	63,649
Waterworks Trusts, Local Governing Bodies and River Improvement Trusts, and Latrobe Valley drainage	4,768,296	124,360	123,387
Plant and Machinery Account	1,497,342	45,183	45,183
Capital Expenditure borne by the State Development Account	71,671,757	2,522,198	
	80,918,141	2,787,077	232,219

DEPRECIATION.

The amount at credit of the Water Supply Works Depreciation Account in the Commission's books at 1st July, 1954, was £645,620 9s. 6d. An amount of £120,475 was raised during the financial year 1954–55 for purposes of depreciation.

A further sum of £1,468 13s. 10d. 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 £13,423 3s. 5d. and deducting the expenditure (£107,342 10s. 4d.) from Depreciation for the year, the balance remaining in the Account as at 30th June, 1955, was £673,644 16s. 5d.

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 provided 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 was made during the year from the Commission's revenue to the Water Supply Works Depreciation Fund in the Treasury. The difference between the credit to the Depreciation Fund and the amounts credited to the Depreciation Account in the Commission's books is £194,710 17s. 2d.—representing depreciation charged for 1954–55 (£120,475) and interest not yet credited (£74,235 17s. 2d.).

It is desirable, in order to avoid fluctuations in the Commission's revenue, and to provide for heavy future expenditure in respect of depreciation, that transfers be made annually to the Depreciation Fund.

Details of the Water Supply Works Depreciation Account are set out on pages 112, 113, 114 of this Report.

PLANT AND MACHINERY ACCOUNT AND STORES SUSPENSE ACCOUNTS.

The capital liability for large-size moveable plant and machinery, held in the Plant and Machinery Account as at 30th June, 1955, was £1,497,341 11s. 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 £485,083 9s. 4d.

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 £633,632 12s. 0d. as at 30th June, 1955.

The amount at debit of the Water Supply Stores Suspense Account as at 30th June, 1955, was £647,958 12s. 7d.—whereas the book value of stores and equipment controlled within the Account was £1,133,042 1s. 11d. The difference, £485,083 9s. 4d. 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, 1955, is £2,992,941 8s. 2d. and is controlled within funds provided from the following sources:—

			~	٠.	w.	2	ο.	ω .
Water Supply Stores Suspense Account (Act No. 5	(253)					647,958	12	7
Water Supply Loans Application Acts-								
Rocklands Reservoir (Suspense Account)			31,466	3	10			
Gunbower Offtake Works (Suspense Account)			3,460	19	4			
Big Eildon Dam (Suspense Account)			116,242	14	10			
Bonnie Doon Project (Suspense Account)			11,357	0	7			
Cairn Curran Reservoir (Suspense Account)			70,451	14	4			
Central Gippsland Irrigation Project (Suspense	Account	١	260,576	5	6			
Robinvale Irrigation District (Suspense Account	it)		10,548	19	2			
Murray Valley Irrigation District (Suspense Ac	count)		59,110	17	5			
Goulburn-Waranga Channel Duplication (Suspe	nse Accou	ınt)	32,154	14	9			
Tarago Tunnel Project (Suspense Account)			252,271	13	11			
• • • • • • • • • • • • • • • • • • • •					_	847,641	3	8
Plant and Machinery Account (Act No. 4761)						1,497,341		
,								_
						2,992,941	8	2

s. d.

REVENUE EXPENDITURE CHARGEABLE TO THE STATE ACCOUNT.

The Commission, by direction of the Governor in Council, has throughout 1954–55 continued the operation of 4 Irrigation Districts, 17 Waterworks Districts, 46 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 1954–55 was £256,824 making a total of £3,286,859 borne by the State since 1st July, 1938.

In 35 of these districts an aggregate cash surplus of revenue over expenditure of £24,794 was obtained. This amount was applied to Interest (£601) Redemption (£83), and Depreciation (£17,752), leaving a sum of £6,358 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, 1954-55.

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 1954–55 however, in respect of the districts listed hereunder, resulted in an excess of expenditure over revenue to the extent of £132,997. This is due mainly to increased operating costs.

Normanville

Harcourt

Loddon

	Irrigation and Water Supply	Districts (25).	
Bacchus Marsh Boort Calivil Campaspe Central Gippsland Cohuna Deakin	Dingee Katandra Kerang Koondrook Maffra-Sale Murray Valley	Mystic Park North Shepparton Robinvale Rochester Rodney Shepparton	South Shepparton Swan Hill Third Lake Tongala-Stanhope Tragowel Plains Werribee
Downin	Waterworks Districts	s (13).	
Bellarine Peninsula East Loddon	Mornington Peninsula Newstead	Otway Werribee	West Loddon Winmera United

Western Wimmera

Wychitella

Urban Divisions and Districts (38).

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

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 D	Districts (17).	
Axe Creek Birchip Hindmarsh Karkarooc Kerang North-west Lakes	Long Lake Millewa Ouyen Sea Lake Tyntynder	Tyntynder North Tyrrell Tyrrell West *Upper Western Wimmera	Upper Wimmera United Walpeup West Wycheproof
	Urban Divisions a	nd Districts (52).	
*Corop	Chinkapook	Marong	*Sea Lake
*Dingee	$\operatorname{Coliban}$	Meringur	*Speed
*Heyfield	*Dooen	Mitiamo	*Tempy
${ m *Leitchville}$	${ m *Drysdale}$	*Nandaly	*Torquay
Murrabit	*Garfield	Newstead	Ultima
Stanhope	*Hastings	*Nullawil	Waitchie
*Anglesea	*Hopetoun	*Nyah	Walpeup
*Beulah	Jung Jung	*Nyah West	$\mathbf{Werrimull}$
Birchip	*Koondrook	*Ouyen	Wonthaggi
*Bittern-Crib Point	Lake Boga	Patchewollock	*Woomelang
*Bunyip	*Lalbert	*Piangil	*Woorinen
*Carwarp	*Lascelles	*Portarlington	*Wycheproof
Chillingollah	*Manangatang	${f Quambatook}$	*Yaapeet

In districts marked "*" the operations for 1954-55 resulted in an aggregate cash surplus of £24,794. Of this amount, a sum of £684 has been applied to redemption and interest.

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 1954–55, and paid from the Commission's Vote Appropriation	010.010
was	918,613
This amount may be offset by miscellaneous revenue collected in respect	
to diversion permits, rents, recoup payments, &c	817,214
	101.000
	$101,\!399$

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 1954–55 that the net cost to the State for the year in connexion with country water supply which has been met from general revenue was £3,002,178. 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 £383,464, being the net deficiency (£250,467) 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 £132,997 on other Commission Districts.

A summary of the total cost (£3,002,178) to the State for the year is set out hereunder—a more detailed analysis is set out on page 77 of this Report.

					£	£
Net loss on Commission Districts					132,997	
Net loss on "Order in Council" Districts					250,467	000 101
Cost of "National Comings"					918,613	383,464
Cost of "National Services"					817,214	
Historian Heronia Controlled		•	• •	• • •		101,399
						404.000
Interest, Exchange, and Loan Conversion	Evnances	on	Haadwarks	and		484,863
Capital borne by the State					2,639,320	
Add Arrears of Interest owing by Waterwork					973	
					2,640,293	
Less Interest on Land sold			••		38	
						2,640,255
						3,125,118
Less amount paid to Revenue in respect of	of Deprec	iation	(£120,475)	and		-,,
Redemption (£2,465)			••			122,940
						3,002,178
Add amount transferred from Revenue to De	epreciation	ı Fun	d			
						3,002,178

The net cost to the State (£3,002,178) was £49,977 less than the comparable figure for the previous year.

The fact that no transfer was made by the Treasurer from the Commission's revenue to the Water Supply Works Depreciation Fund during the year was the prime cause of this decrease. During 1953–54, however, an amount of £561,958 8s. 9d., representing charges raised for six years, was so transferred.

If the charge raised each year for depreciation was transferred in that same year by the Treasurer, the net cost to the State would have been £2,580,813 for 1953–54 and £3,122,653 for 1954–55, an increase during 1954–55 of £541,840.

The increase in the total Interest, Exchange, and Loan Conversion Expenses on Loan Liability (£2,904,199 as against £2,338,293 for 1953–54) as a result of the large programme of loan works being pursued by the Commission, is the major factor in this increased cost to the State of Country Water Supply.

Increased cost of operation of Commission's Districts (£58,014) was offset by increased collections for Rates (£36,389) and Irrigation Charges (£26,705), the increase in the net loss on District operation being due to increased charges against Districts for Interest (£20,235) and Depreciation (£29,859).

Provision exists for the transfer from the "Capital Expenditure borne by the State Account" to the direct liability of water users of such amounts of the Capital Liability as are commensurate with the development of the respective districts. Accordingly, additional Capital Liability totalling £585,367 in respect of some urban districts within the Mornington Peninsula System, and the Dimboola, Dooen, Marnoo, Minyip, Nyah West, Pyramid Hill, Rainbow, Rupanyup, Terang, and Wonthaggi Urban Districts was transferred as from 1st July, 1954, from the State-borne Capital to the direct debit of the districts. The consequent additional Interest charges met by these districts amounted to £17,561.

Major Water Supply Projects under construction will involve a large expenditure of capital funds, but as the cost of these works will be borne by the State, it is inevitable that, notwithstanding increasing developments the cost to the State will tend to increase. The amount (£3,002,178) borne by the community for the year 1954–55 is equivalent to £1 3s. 11d. per head of the population of the State, and represents the contribution of the individual citizen towards the indirect but enormous benefits derived from the State works of Country Water Supply.

RESULTS OF OPERATIONS IN DISTRICTS UNDER CONTROL OF COMMISSION.

Disbursements, 1954-55.

	Operating Expenses.	Interest on Capital Allotted.		tion Paid stricts.	Redemption Paid by Districts.	Total Disbursements.
Plant Workshops Coliban Works	£ s. d. 27,422 4 2 130,310 4 2 130,904 1 8 492,384 16 0 188,103 18 0 41,541 2 4 11,446 6 6 1,911,889 13 9 869,731 5 6 2,781,620 19 3	£ s. d. 574 16 2 10,391 10 8 170 0 0 13,779 9 1 70,419 19 11 95,335 15 10	£ s. d. 1,412 0 0 0 7,755 0 0 65,470 0 0 1,976 0 0 12,782 0 0 21,080 0 0 110,475 0 0	£ s. d. 531 0 0 6,376 0 0 2,110 0 0 679 0 0 83 0 0 21 0 0 10,000 0 0	£ s. d. 53 4 0 13 8 7 232 3 6 2,165 18 7 2,464 14 8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

^{*} Exclusive of Redemption paid in respect of Plant and Machinery Account.

Receipts, 1954-55.

	Water Rates and Charges, Diversion and Grazing Fees, &c.	Recoups on Account of Payments from Revenue.	Total Receipts.	Less—Transfer to Depreciation Fund.	Nett Collections Paid to Consolidated Revenue.	Excess (Dr.) Disbursements over Receipts (Cr.) Receipts over Disbursements.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Plant Workshops Coliban Works Irrigation Districts Irrigation Urban Divisions Waterworks Districts Waterworks Urban Districts Flood Protection Districts Carrum Drainage District	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	31,805 3 7 514 8 7 1,217 9 4	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Diversions and Miscellaneous Recoups of amounts paid from Revenue not credited to	1,713,164 14 1 127,180 3 2*		1,746,701 15 7 127,180 3 2 659,064 2 8	::	127,180 3 2	(Dr.) 383,463 8 8 $(Cr.)$ 127,180 3 2 $(Dr.)$ 210,667 2 10
Districts	1,840,344 17 3	659,064 2 8 692,601 4 2	659,064 2 8 2,532,946 1 5			$\frac{(Dr.) \ 210,007 \ \ 2 \ 10}{(Dr.) \ 466,950 \ \ 8 \ \ 4}$

^{*} In addition, an amount of £3,775 6s. 3d. was collected and paid to Rivers and Streams Fund as net revenue pursuant to Section 8, Water Act 1954, No. 5838.

SUMMARY OF OPERATIONS FOR YEAR 1954-55.

Receip	ots.		Co	имія	Exp	enditure.				(D)		
Rates and Charges		£ 	8.	d.	Vote Funds	1,911,889		$_{9}^{d}$		(Result.) €		đ
tess Depreciation Transfer		1,746,701	15	7	Interest charged on Capital borne		1.	10				
Deficiency		260,523	14	0	by Districts	. 95,335	13		Dr.	260,523	14	(
		2,007,225	9	7		2,007,225	9	7				
					ORKS AND SERVICES. Grazing Rentals, &c.				-			
Permits and Licence Fees at Grazing Rentals, &c	nd Charges,	127,180	3	2	Surplus	. 127,180	3	2	Cr.	127,180	3	2
GILLAND TO THE STATE OF THE STA		127,180	3	2		127,180	3	2				
Con	struction, Ad				orks for Other Authorities, and Wai							
On-cost received Recoups of Expenditure Deficiency	:: ::	$\substack{299,603\\359,210\\4,479}$	12	0	Administration Expenditure Recoupable			4	Dr.	4,479	17	1(
		663,294	0	6		663,294	0	6				
	River A	Iurray, Se	vera	ge, e	und Miscellaneous National Services.							
Recoup of Expenditure Grants to Sewerage Authorities		$\frac{250}{30,969}$	0 5	9	Commissioners' Salaries River Murray, Sewerage, and	. 8,223 ì	17	5				
Grants to Sewerage Authorities					Trusts Miscellaneous National Service Pensions and Gratuities	$\begin{array}{ccc} & 100,562 \\ & 105,874 \end{array}$	5	11	•	201.000		
Deficiency		224,099							Dr.	224,099	9	(
		255,318				255,318	14					_
	Net Cost to	the State	for	Ser	vices of a National Character .	• ••		٠.	$\frac{Dr.}{}$	101,399	3	8
Interest Paid by Trusts	Districts	123,386 45,220 95,335 2,640,255	$\frac{10}{15}$	10	oital Charges. Interest, Exchange, and Loan Conversion Expenses		11	3	Dr.:	2,640,255	7	. ;
-		2,904,198	11	3		2,904,198	11	3				
	Total Expen	diture Boi	ne	by t	he State					3,002,178	4	1

ANALYSIS OF EXPENDITURE BORNE BY THE STATE, 1954-55.

Sources of a National Character									£	s.	d.	£	s.	d.
Services of a National Character— River Murray Commission's Con- of the River Murray Water A			ate of V	ictoria in	accorda	nce with	the prov	isions				46,000	0	0
Assistance to Sewerage Authorit Where suspension of Work In cases where the Interest	s is being			ty is in e	 xcess of	the rate	 3 per ce	nt	5,973 24,996	0 5	0 9			
Subsidies to Waterworks Trusts To enable a reduction of 3 Where Interest is in excess	31 per ce	nt. to b	e made	in Water		 t No. 56	 37		585 5,007		0	30,969	5	9
Payment to First Mildura Irriga	tion Tune	t aanaiai	out with	nodnatio	n in Dot	oe in Pur	nning Die	- etniote			-	5,593	13	4
in Irrigation Areas controlled Ex gratia payment to disabled	by the (Commiss	ion		• •	• •	• •	• •	••			18,000 300	0 0	0
Miscellaneous Services-	The state of	nd Com	4.7	ath oulting	P=				14.000	1.7	10			
Administration Waterworks Administration Farm Wate					œ				14,066 $1,153$					
Irrigation Branch						• •			11,469		4			
Travelling, Minister and Co Minister's staff, salaries an	d Pay-Re	oll Tax,	Commi	ssioner's	Cost of	Living A	llowances	s and	3,076	10	2			
Pay-Roll Tax (from 1st Free Water for Research, 1						Publicit	v. &c.		3,173 $32,418$		4 11			
Rivers and Reclamation D	ivision, I	River Ga	augings,	Diversion	s, Land	Leasing	, Surveys	s and						
Reports, Underground W	ater and	Mining	Investig	gations, H	yaraunc	Researce	n	• •	40,216	1	10	- 105,574	<i>π</i>	11
Administration in respect to E	xpenditu	re from	other 1	Tunds and	1 Works	earried	out for	other				100,014	.,	11
Authorities (including Salaries Works earried out for Other A				ers, and S	alaries e	harged t	o constru	 iction			• •	321,778	3	2
Projects, Recoupable					••		••				٠.	341,515	17	4
Total (from Vote Fun	de)											900 791		
Commissioner's Salaries (Special	appropria	tion), in	ocluding	Cost of I	iving Al	llowances		-Roll	• •		• •	869,731	Э	6
Tax from 30th November, 19	54	• •	• • •	• • •	• •	• •	• •	• • •	• •		٠.	8,223	17	5
TOTAL Expenditure on	Service o	of a Nat	ional C	haracter								877,955	2	11
Amount debited by Treasury for	or Pension	s and (Gratuitie	s								40,657		
												010.010		_
Less Revenue received from Gr On-cost of Expenditure f	azing Lic	ences, L	Diversion	Permits,	Rents,	&c., £12	7,180 3s.	2d.;	795 004	_	10	918,612	15	3
" Special Recoup, Commission								20	785,994 250	5 0	0			
" Grants by State. Assistance	e to Sewe	erage Au	ıthoritie	s	• •		• •	• •	30,969	5	9			
												817,213	11	7
Net cost to the State	for Service	ces of a	Nationa	al Charact	er							101,399	3	8
Interest on Capital Expenditure			nd other	r Capital	Expendit	ure born	e by the	State	2,522,198	5	6			
Exchange on Overseas Interest Loan Conversion Expenses	Payment	s		• •					112,768 $4,353$	1	2 8			
Arrears of Interest owing by V	Vaterwork	s Trust	s and o	ther Corp	orations	1954-55			973	3	0			
									0.640.000	_				
Less Interest on Lands Sold						• •	• •		2,640,293	13	1	2,640,255	7	3
Commission Districts— Districts, the Capital Liability of and 5017—	which ha	we been	adjuste	d under A	Acts Nos.	4513						2,010,200		Ü
Excess Expenditure over R	evenue af	ter allov	wing for	Deprecia	tion, £81	,277.								
and Redemption, £2,381	7s. 7d.						• •		50,526	5	6			
Current Interest— Paid							£ 63,047	8. d. 16 8						
Forward Unpaid						••	19,422							
						-			82,470	7	1			
									132,996	12	7			
Districts supplied by direction Revenue over Operating Costs and Redemption, £83 7s. 1d.	after all	or in Cowing fo	ouncil, or Depre	but which eciation, £	show 6 17,752 9	excess s. 3d.			,		Ţ			
Surplus Less Current Interest Paid				• •	• •		6,958							
Dess Current Interest 1 and	••	••	••	••	••	-	600	-	Cr. 6,357	12	7			
									126,639	0	0			
Excess Expenditure in Dis excess Expenditure over £21,445 10s. 9d	tricts sup Revenue ••	plied by inclusive	directi	on of Go erest, £12	vernor i ,264 15s. 	n Counci 4d., and	l and she l Depreci	owing ation,	256,824	8	8			
									000 17		_			
Add amounts transferred to Wa moneys paid to Revenue and	ter Suppl Interest	y Work credited	s Depres to Dep	ciation Fr reciation	ınd in T Account	reasury	on Accou	int of	383,463	8	8			
									383,463	Q Q	8			
Deduct amounts paid to $£120,475$ and Redemption	Revenue	in respo	ect of :	Depreciat				lings,						
E120,473 and Redemption	. 7.404 J	148. ð(l,	••	••		••	••	•••	122,939	14	8	260,523	14	0
Net Expenditure ?	oorne by	the Star	te	••	••	••						3,002,178	4	11

SUMMARY OF CAPITAL EXPENDITURE, LOAN LIABILITY, INTEREST and EXCHANGE. CAPITAL EXPENDITURE 1954-55.

	l Works of Water						£	s. d.	£	s.
Ordinary Loan Funds (Details, pag	ges 116, 117, 118)	• •	••				••		9,177,831	- 8
N CAPITAL LIABILITY.										
Net Loan Liability of State for Works	of Country Water	r Supply 8	at 30t	h June	, 195 5				75,233,682	6
Donnegouted by					£	s. d.				
Represented by— Works at Debit of Authorities—										
Commission Districts					2,957,28	4 2 0				
Water Supply Plant and Mach	•	• •	• •		1,497,34					
Plant Workshops Waterworks Trusts and Local	Governing Bodies				4.167.69	$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
River Improvement Trusts					, ,	0 3 10				
Latrobe Valley Drainage					559,56	9 4 2		10 0		
							9,240,568	16 0		
Capital Expenditure Borne by the										
Headworks not apportionable t Capital Works and Charges no		Districts	• •	• •	4,404,80 1,268,85					
Headworks and Distributary W					62,130,56					
Waterworks Trusts and Local					3,731,00					
Free Grants to Local Authoriti	ies in early years	• •	• •	• •	142,35	6 4 11				
							71,677,572	8 10		
Net Loan Capital Liability of Com-	mission's Districts,	Divisions	, and	Works	under Co		80,918,141	4 10		
Less Expenditure from Treasurer's							90,926			
-								14 11		
Less Amount from National Debt recoup contributions paid by Dis amount (£6,304,587 13s. 1d.) of Debt Sinking Fund (page 000)	stricts, Waterwork	s Trusts, o	&c. (£	711,055 evenue	9s. 4d.) to the	and the National	5,593,532	3 9		
Debt Shang Tant (page 000)		• •					0,000,002	., .,		
							75,233,682	6 2		
Add Cash on Hand at Treasury							75,233,682	6 2		
Add Cash on Hand at Treasury Net Liability Country Water Suppl	 y Capital Account	in Treas	 ury				75,233,682 75,233,682			
Nct Liability Country Water Suppl	y Capital Account	Treast	 ary						2,787,076	19
Nct Liability Country Water Supplement of the Country Erest AND EXCHANGE. The Total Interest on the Loan Liability of the Water Supplement of the Country Exchange payable on Overseas Interest on the Country Exchange payable payable payable on Overseas Interest on the Country Exchange payable pa	y Capital Account		 ary						2,787,076 112,768	
Nct Liability Country Water Supplements of the Loan Liability To which is to be added—	y Capital Account						75,233,682			1
Nct Liability Country Water Supplement of the Country Erest AND EXCHANGE. The Total Interest on the Loan Liability of the Water Supplement of the Country Exchange payable on Overseas Interest on the Country Exchange payable payable payable on Overseas Interest on the Country Exchange payable pa	y Capital Account ty for 1954-55 is erest						75,233,682	6 2	112,768	10
Net Liability Country Water Supplemental Cerest And Exchange. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Loan Conversion Expenses Interest Debitable to—	y Capital Account ty for 1954-55 is erest						75,233,682	6 2	112,768 4,3 5 3	10
Nct Liability Country Water Suppl EREST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Loan Conversion Expenses Interest Debitable to— Works at Debit of Authorities—	y Capital Account ty for 1954-55 is erest						75,233,682	6 2	112,768 4,3 5 3	10
REEST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Conversion Expenses Interest Debitable to— Works at Debit of Authorities— Commission Districts	y Capital Account ty for 1954–55 is erest	 					75,233,682	6 2	112,768 4,3 5 3	10
Net Liability Country Water Suppl EREST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Loan Conversion Expenses Interest Debitable to— Works at Debit of Authorities—	y Capital Account ty for 1954–55 is erest	 					75,233,682	6 2 	112,768 4,3 5 3	10
REEST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Conversion Expenses Interest Debitable to— Works at Debit of Authorities— Commission Districts Trusts	y Capital Account ty for 1954–55 is erest						75,233,682 95,335 124,360	6 2 	112,768 4,3 5 3	110
REEST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Conversion Expenses Interest Debitable to— Works at Debit of Authorities— Commission Districts Trusts	y Capital Account ty for 1954-55 is erest						75,233,682 95,335 124,360	6 2 	112,768 4,3 5 3 2,904,198	110
REEST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Debitable to— Works at Debit of Authorities— Commission Districts Trusts	y Capital Account ty for 1954-55 is erest						75,233,682 95,335 124,360	15 10 0 10 17 3	112,768 4,3 5 3 2,904,198	110
TEREST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Debitable to— Works at Debit of Authorities— Commission Districts Trusts Water Supply Plant and Mach Capital Expenditure Borne by the Capital Works and Charges State Works of Water Supply	y Capital Account ty for 1954-55 is erest						75,233,682 95,335 124,360 45,182 154,996 44,648	15 10 0 10 17 3	112,768 4,3 5 3 2,904,198	110
Terest Debitable to— Works at Debit of Authorities— Commission Districts Trusts	ty for 1954-55 is erest	to Distric					75,233,682 75,233,682 95,335 124,360 45,182 154,996 44,648 2,186,461	15 10 0 10 17 3	112,768 4,3 5 3 2,904,198	110
TEREST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Debitable to— Works at Debit of Authorities— Commission Districts Trusts Water Supply Plant and Mach Capital Expenditure Borne by the Capital Works and Charges State Works of Water Supply	y Capital Account ty for 1954-55 is erest						75,233,682 95,335 124,360 45,182 154,996 44,648	15 10 0 10 17 3 13 6 8 8 8 8 14 3	112,768 4,3 5 3 2,904,198	110
REEST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Debitable to— Works at Debit of Authorities— Commission Districts Trusts Water Supply Plant and Mach Capital Expenditure Borne by the Capital Works and Charges State Works of Water Supply Headworks and Distributory V Waterworks Trusts and Local	y Capital Account ty for 1954-55 is erest	to Distric					75,233,682 75,233,682 95,335 124,360 45,182 154,996 44,648 2,186,461 131,082	15 10 0 10 17 3 13 6 8 8 8 8 14 3	112,768 4,3 5 3 2,904,198	111111111111111111111111111111111111111
REEST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Debitable to— Works at Debit of Authorities— Commission Districts Trusts Water Supply Plant and Mach Capital Expenditure Borne by the Capital Works and Charges State Works of Water Supply Headworks and Distributory V Waterworks Trusts and Local	y Capital Account ty for 1954-55 is erest	to Distric					75,233,682 75,233,682 95,335 124,360 45,182 154,996 44,648 2,186,461 131,082	15 10 0 10 17 3 13 6 8 8 8 8 14 3	112,768 4,353 2,904,198 264,878	111111111111111111111111111111111111111
REEST AND EXCHANGE. The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Debitable to— Works at Debit of Authorities— Commission Districts Trusts Water Supply Plant and Mach Capital Expenditure Borne by the Capital Works and Charges State Works of Water Supply Headworks and Distributory V Waterworks Trusts and Local	ty for 1954-55 is erest	to Districe					75,233,682 75,233,682 95,335 124,360 45,182 154,996 44,648 2,186,461 131,082	15 10 0 10 17 3 13 6 8 8 8 8 14 3	112,768 4,353 2,904,198 264,878	11 111 13 55
The Total Interest on the Loan Liability To which is to be added— Exchange payable on Overseas Interest Debitable to— Works at Debit of Authorities— Commission Districts Trusts Water Supply Plant and Mach Capital Expenditure Borne by the Capital Works and Charges State Works of Water Supply Headworks and Distributory V Waterworks Trusts and Local Free Grants to Local Authorit	ty for 1954-55 is erest	to Districe					75,233,682 95,335 124,360 45,182 154,996 44,648 2,186,461 131,082 5,009	15 10 0 10 17 3 13 6 8 8 8 8 14 3	112,768 4,353 2,904,198 264,878 2,522,198 2,787,076	1 10 11 13 5 19 11

RECEIPTS AND DISBURSEMENTS.

STATEMENT of Moneys Received and Disbursed during the Year Ended 30th June, 1955.

					Receipts.			Disbursements Annual Vote	and
Works.			Total.		Paid to Depreciation Fund.	Paid to Consolida Revenue	ted	(a) Special Appropriation (Exclusive of I Redemption Depreciation Ct	ion Intere and
			£	s. d.	£ s. d.	£	s. d.	£	s. (
Commission's Districts—			i i						
Plant Workshops			32,915	10 9		32,915	10 9	27,422	4
Coliban Works			101,381	8 8		101,381	8 8	130,310	4
Irrigation Districts			965,766	15 1		965,766	15 l	1,006,777	0 1
Irrigation Urban Divisions			18,200	12 2		18,200	12 2	13,904	l
Waterworks Districts			318,764	8 3		318,764	8 3	492,384	16
Waterworks Urban Districts			274,813	7 3		274,813	7 3	188,103	18
Flood Protection Districts			25,712	10 0		25,712	10 0	41,541	2
Carrum Drainage District			9,147	3 5		9,147	3 5	11,446	6
			1,746,701	15 7		1,746,701	15 7	1,911,889	13
Other works and services (not direct Districts)	tly apporti	onable to							
Diversions			24,411	1 4		24,411	1 4		
Miscellaneous, Grazing Rentals, 8	 Ус		102,769			102,769			
biscentification, ortizing renetis,			127,180			127,180		ļ	
							· · · · · · · · · · · · · · · · · · ·		
River Murray Commission								46,000	0
Assistance to Sewerage Authoriti	es		••					30,969	5
Assistance to Waterworks Trusts			•••		••			5,593	13
Subsidy to First Mildura Irrigati	on Trust		••					18,000	0
Ex gratia payment to disabled of	fficer		••		••			300	0
Miscellaneous National Services			••		• •	••		105,574	5 l
Expenditure Recoupable			359,210	12 0	• •	359,210	12 0	341,515	17
Administration in respect of Exp	enditure fr	om other	299,603	10 8		299,603	10 8	321,778	3
funds (including Salaries, Pay-	Roll Tax,	&c.)	658,814	2 8		658,814	2 8	869,731	5
Total—Other Works and Services	3		785,994	5 10		785,994	5 10	869,731	5
Total Vote			2,532,696	1 5		2,532,696	1 5	2,781,620	—— 19
Commissioners' Salaries (Special	Appropriati	on)	250	0 0		250	0 0	8,223	17
Grand Totals			2,532,946	1 5	••	2,532,946	1 5	2,789,844	16
otal Disbursements from Vote, an et Receipts paid to Consolidated rants from Revenue—						2,532,946	1 5	2,789,844	16
To Assist Sewerage Authorities						30,969	5 9	0 500 015	7
eficiency from Commission's Opera	ations .							2,563,915 225,929	
mount not included in above Stat Debits by Treasury for Pension		uities				40,657	12 4		
Interest Paid:—By Waterworks Plant and Machinery Account	Trusts and	d Local Go	verning Bodi	es, £123	3,386 17s. 10d. ;	Cr. 168,607			
Tiant and practimery Account	, wo, 240,	102 110, 0	, white on L	WILL DO	, wor 105. Iu.			Cr. 127,949 1	5 1
eficiency Chargeable to State exclus aterest, Exchange, and Loan Conv	ive of Inter ersion Exp	est, Excha enses	nge, and Loar	Conve	rsion Expenses			97,979 1 2,904,198 1	
Total amount	borne by	the State						3,002,178	4 1

PLANT WORKSHOPS. CASH ACCOUNT.

	Ree	Receipts.			Expe	Expenditure.						Accumulated-	
				Year I	Year Ended 30th June, 1955.	1955.			Excess	Excess	Surplus	Deficiency	
District.	Receipts Year Ended 30th June, 1955.	Total to 30th June, 1955.	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	Total to 30th June, 1955.	Parlement over Receipts 1954–55.	necupus over Expenditure 1954–55.	Credified to District Account at 30th June, 1955.	Chargeable to District Account at 30th June, 1955.	Deficiency Chargeable to State Account at 30th June, 1955.
1,	ei	33	4.	5.	6.	7.	σċ	9.	10.	11.	12.	13.	14.
	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.	£ 8. d.	£ 8. d.	. s. d.	£ s. d.	£ 8, d.	£ s. d.	£ 8. d.	£ 8, d.	£ s. d.
1. Bendigo 2. Residences (14)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	157,815 4 7 5,024 7 1	24,915 8 9 840 0 0	520 2 10	970 0 0 350 0 0	44 1 10	26,449 13 5 1,190 0 0	200,779 2 5 5,540 0 0	79 12 10	3,009 6 7	::	42,963 17 10 515 12 11	::
Total Central Plant Workshops 3. Kerang Sub-depot	30,569 7 2 2,346 3 7	162,839 11 8 2,982 5 2	25,755 8 9 1,666 15 5	520 2 10 54 13 4	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	44 1 10 9 2 2	27,639 13 5 1,822 10 11	206,319 2 5 2,520 12 2	79 12 10	3,009 6 7 523 12 8	461 13 0	43,479 10 9	::
Total .	32,915 10 9	32,915 10 9 165.821 16 10	27,422 4 2	574 16 2	1,412 0 0	53 4 0	29,462 4 4	208,839 14 7	79 12 10	3,532 19 3	461 13 0	43,479 10 9	:

COLIBAN SYSTEM.

CASH ACCOUNT.

STATEMENTS of Moneys received and disbursed from 1st July, 1905, to 30th June, 1955; also of Interest charged at the rates of 3.546 per cent. on Capital Debits as at 30th June, 1943, and of Depreciation and Redemption charged for Financial Year 1954-55.

	Rece	Receipts.			Exper	Expenditure,			_		V	Accumulated—	
				Year H	Year Ended 30th June,	June, 1955.			Excess	Excess		Deficiency	9
District.	Receipts Year Ended 30th June, 1955.	Total 1905 to 30th June, 1955.	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	Total 1905 to 30th June, 1955.	over Receipts 1954–55.	Expenditure 1954–55.	Credited to District Account at 30th June, 1955.	Chargeable to District Account at 30th June, 1955.	Denciencey Chargeable to State Account at 30th June, 1955.
1.	۲۶.	ಣೆ	नं	rç.	.9	14	œ	Ġ	10.	11.	12.	13.	14.
1. Harcourt	£ s. d. 3,971.12.1	£ s. d. 77,385 3 3	£ 8. d. 4,683 1 1	£ s. d.	£ s. d.	£ s. d.	£ s. d. 4,733 1 1	£ s. d. 77,324 6 0	£ s. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.
Totals		3,971 12 1 77,335 3 3		:	20 0 0	:	4,733 1 1	1	761 9 0	:	10 17 3	:	: :

The Districts set out hereunder are those 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.)

1,0 63 13 2 1,130,396 0 0 1,158 5 11	1,132,617 19 1	1,132,617 19 1
$\begin{array}{c} 972 & 10 & 0 \\ 13,729 & 8 & 9 \\ 210 & 8 & 10 \end{array}$	14,912 7 7	14,912 7 7
:::	:	10 17 3
:::	 	 :
421 16 9 46,318 17 6 104 2 11	46,844 17 2	47,606 6 2
18,529 3 5 3,492,142 12 2 6,247 18 3	3,516,919 13 10	3,594,243 19 10
$\begin{array}{c} 1,360 \ 13 \ 11 \\ 142,531 \ 10 \ 4 \\ 362 \ 9 \ 6 \end{array}$	144,254 13 9	148,987 14 10
:::	:	:
8,190 0 41 0 0	8,236 0 0	8,286 0 0
10.390 14 10 0 15 10	10,391 10 8	10,391 10 8
$\begin{array}{c} 1,355 \ 13 \ 11 \\ 123,950 \ 15 \ 6 \\ 320 \ 13 \ 8 \end{array}$	125,627 3 1 10,391 10 8	130,310 4 2
938 17 2 16,493 0 3 96,212 12 10 2,348,017 3 5 258 6 7 4,879 3 6	97,409 16 7 2,369,389 7 2	2,446,724 10 5
98,212 12 10 258 6 7	97,409 16 7	101,381 8 8
2. Axe Creck 3. Coliban 4. Marong	Totals	Grand Totals 101,381 8 8 2,446,724 10 5 130,310 4 2

PLANT WORKSHOPS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1954-55.

/55.—				Expenditure,					Profit and Loss.		
-6	(A Value of Work Completed or in Progress. (B) House Rents.	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	Expenditure in Excess of Earnings.	Earnings in Excess of Expenditure.	Adjustments to Revenue for Years Prior to 1954-55.	Loss as at 30th June, 1955.	Gain as at 30th June, 1955.
	£ 8. d.	£ 8. d.	£ 8, d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8, d.	£ s. d.
1. Bendigo	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	24,915 8 9 840 0 0	520 2 10	970 0 0 350 0 0	44 1 10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	79 12 10	3,535 13 2	::	31,054 0 7 515 12 11	::
Total Central Plant Workshops . 3. Kerang Sub-depot	(A) 2,291 5 10	25,755 8 9 1,666 15 5	520 2 10 54 13 4	1,320 0 0 92 0 0	44 1 10 4 11 1	27,639 13 5 1,817 19 10	79 12 10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$::	31,569 13 6	461 13 0
Total	33.386 19 7	27,422 4 2	574 16 2	1,412 0 0	48 12 11	29,457 13 3	79 12 10	4,008 19 2	:	31.569 13 6	461 13 0

COLIBAN SYSTEM.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1954-55.

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

Revenue Costs. E. s. d. £ s. d. <t< th=""><th></th><th></th><th></th><th></th><th>Expenditure.</th><th>ture.</th><th></th><th></th><th></th><th></th><th></th><th>Profit and Loss.</th><th></th><th></th><th></th></t<>					Expenditure.	ture.						Profit and Loss.			
£ s. d. 50 0 0 4,733 1 1 738 3 1	Asse	Revenue Assessment.	Operating Costs.	Interest.	Depreciation.	Redemption	Amounts Written Off.			Excess Assessment over Expenditure.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1954-55. (A) Loss. (B) Gain.	Interest and Other Losses prior to 30th June, 1938, Borne by State (Act No. 5017).		Gain as at 30th June, 1935.
50 0 0 50 0 0 4,733 1 1 738 3 1		£ s. d.		£ 8. d.	£ 8. d.	š	£ s. d.	£ s. d.	£ 8. d.	£ s. d.	£ 8. £ .	£ 8. d.	£ 8. d.	£ s. d.	£ s. d.
50 0 0 4,733 1 1 758 3 1	3,97	3,974 18 0		:	20 0 0	:	:	4,733 1 1	758 3 1	:	:	:	:	:	12 0 9
	3,97	18 0	4,683 1 1	:	50 0 0	:	:	4,733 1 1	758 3 1	:	:	:	:	:	12 0 9

The Districts set out bereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management to cover the expense of 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, 1841) December, 1944, and 26th February, 1946, respectively, under the provisions of Section 6, Water Act 1937, No. 4513.)

.:.	:	6	9 12 0 9
$10 \left \begin{array}{c} 1,994 \ 13 \\ 310,573 \ 4 \ 11 \end{array} \right $	1,282 7 5	313,850 5	313,850 5
828,373 18 10	:	828,373 18 10 313,850 5 9	828,373 18 10
43 1 1 (A) 14 18 3 828,373 18 10	:	43 1 1 (A) 14 18 3	43 1 1 (A) 14 18 3 828,373 18 10 313,850 5 9 12 0 9
43 . 1 1	:	43 1 1	43 1 1
::	:	:	:
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	66 16 6	41,852 13 9	42,610 16 10
1,360 13 11 143,265 6 1	362 11 4	0 15 9 144,988 11 4 41,852 13 9	0 15 9 149,721 12 5 42,610 16 10
0.15 9	:	0 15 9.	0 15 9
733 0 0	0 1 10	733 1 10	733 1 10
10,330 14 10 8,190 0 0	0 15 10 41 0 0		7
10,390 14 10		103,135 17 7 125,627 3 1 10,391 10 8 8,236 0 0	107,110 15 7 130,310 4 2 10,391 10 8 8,286 0 0
101,906 19 4 123,950 15 6	295 14 10 820 13 8	125,627 3 1	130,310 4 2
933 3 5 101,906 19 4	295 14 10	103,135 17 7	107,110 15 7
: :	:	:	:
::	:	:	:
2. Axe Creek 8. Coliban	4. Marong	Totals	Grand Totals

IRRIGATION AND WATER SUPPLY DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1955; also of Depreciation charged for Financial Year 1954-55. (State Works of Water Supply excluded.)

		Receipts.			Expenditure	iture.			·	-	Accumulated.	
				Year End	led 30th June,	1955.		Excess Expenditure	Excess Receipts	Surplus	Deficiency	Deficiency
District.	Receipts Year Ended 30th June, 1955.		Total 1906 to 30th June, 1955.	Operating Costs.	Depreciation.	Total.	Total 1906 to 30th June, 1955.	over Receipts 1954-55.	over Expenditure 1954–55.	Credited to District Account at 30th June, 1955.	Chargeable to District Account at 30th June, 1955.	Chargeable to State Account at 30th June, 1955.
÷	61		က်	÷	5.	6.	1-	œ.	.6	10.	11.	12.
	다 	6. d.	£ & d.	£ 8. d.	£ 8. d.	£ s. d.	£ 8. d.	£ 8. d.	£ s. d.	£ s. d.	£ 8. d.	£ 8. d.
1 Boordons Moreh	53	6	947,481 18 10	9,152 18 11	351 0 0	9,503 18 11	284,983 9 6	:	1,759 5 10	:	16,331 2 5	21,170 8 3
2. Boort	15,087			21,510 17 5	2,032 0 0	23,542 17 5	317,006 9 3	8,455 16 3	:	:	71,696 6 10	15
Calivil			118,159 15 10	9,237 0 2	971 0 0	10,208 0 2	128,637 4 1	445 1 1	:	9,458 0 11	:	6
Cambaspe	1,630	4	39.235 7 0	1,077 10 7	304 0 0	1,381 10 7	46,539 17 11	:	248 18 9	:	3,609 4 1	3,695 6 10
Central Gippsland		18 5	21.530 14 10	6,906 1 #	276 0 0	7,182 1 4	13,288 2 4	:	4,950 17 1	8,242 12 6	:	
Cohuna	56,691	8 5	986,607 17 10	57,621 12 2	4,871 0 0	62,492 12 2	1,010,137 6 2	5,801 3 9	:	:	1~	0 1
Deakin		17 11 2	251,910 11 4	12,932 15 0	1,060 0 0	13,992 15 0	266,875 11 3	3,140 17 1	:	:	15	+
: :	6,576	01 က	92,979 14 9	6,637 9 4	461 0 0	7,098 9 4	97,959 13 7	522 6 2	:	:	213 - 5	_
: :	11,998	3 0	169,316 5 2	10,398 16 11	416 0 0	10,814 16 11	134,286 7 1	:	1,183 6 1	2,887 18 2		0
	28,590	1 7 4	10.377 9 5	26,667 19 2	4,069 0 0	30,736 19 2	437,401 17 3	2,146 17 7	:	:	23,258 8 8	3,766 6 2
			503,215 18 8	28,240 9 11	2,236 0 0	30,476 9 11	583,796 11 0	:	351 1.11	:	28,189 2 8	c.
: :	51,146 15	6	544,884 6 4	49,766 7 9	4,586 0 0	54,352 7 9	649,060 6 10	3,205 12 0	:	:	100,462 19 1	3,713 1 5
Murray Valley	92,646 15	- e	478,650 2 5	7 6 816,72	1,452 0 0	7 9 365 9 7	444,205 4 0	:	13,281 5 8	34,444 18 5	:	
:	2,359 13	5	40,551 19 6	5,067 1.1 5	226 0 0	5,293 11 5	64,773 14 4	2,933 18 0	:	:	18	16
15. North Shepparton	17,707 16	10	225,989 18 2	21,759 3 10	926 0 0	22,685 3 10	282,727 7 7	4,977 7 5	:	:	~	42,760 2 0
16. Bobinvale	20,906	0 0	101,482 15 3	43,039 0 1	6,030 0 0	49,069 0 1	225,354 4 9	28,163 0 1	:	:	6	
17. Rochester	71,253	7 0 1.0	1,085,042 6 2	67,020 19 5	4,732 0 0	71,752 19 5	1,140,517 8 7	499 12 5	:	:	5 1	16
18. Bodney	81,635	3 8 1,4	1,463,219 19 1	87,055 17 11	8,362 0 0	95,417 17 11	1,635,853 7 1	13,782 14 3	:	:	12	15
: :	25,012	5 6	426,024 16 7	32,853 17 11	1,634 0 0	34,487 17 11	531,323 0 9	9,475 12 5	:	:	_	11
South Shepparton	6,386	2	84,235 18 6	6,636 12 5	296 0 0	6,932 12 5	95,355 17 4	546 12 3	:	:	¢1	10
Swan Hill	32,118 10	-	493,059 4 0	35,795 10 2	2,337 0 0	38,132 10 2	575,383 13 11	6,014 0 1	:	:	13	10
Third Lake	2,576 10		35,691 13 7	2,838 4 0	152 0 0	2,990 4 0	44,783 8 3	413 13 11	:	:	6,652 12 6	01
Tongala-Stanhope	.c.	61	819,033 2 1	83,725 0 8	2,171 0 0	85,896 0 8	983,834 6 7	30,164 12 6	:	:	9	18
Tragowel Plains		ن ن ه	694,799 16 7	37,533 7 10	4,446 0 0	41,979 7 10	791,261 17 7	181 18 5	:	:	14	9
25. Werribee	22,631	82	311,370 8 4	26,149 5 10	535 0 0	26,684 5 10	362,702 13 1	4,052 17 8	:	:	14	음
Totals	719,321	8,6	9,822,541 0 5	767,537 19 9	54,932 0 0	822,469 19 9	11,148,049 0 1	124,923 13 4	21,774 15 4	55,033 10 0	853,765 8 10	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, 1955; also of Depreciation charged for Financial Year 1954-55 (State Works of Water Supply excluded)—continued.

	9	Denciency Chargeable to State Account at 30th June, 1955.	15.	£ s. d.
Accumulated.		Chargeable to District Account at 30th June, 1955.	11.	£ 8. d.
		Credited to District Account at 30th June, 1955.	10.	£ 8. d.
	Excess Receipts	over Expenditure 1954–55.	.6	£ s. d.
	Expenditure	over Receipts 1954-55.	ø	£ 8. d.
		Total 1906 to 30th June, 1955.		£ 8. d.
ture.	Total	£ 8. d.		
Expenditure		£ 8. d.		
	Year E	Operating Costs.	.,	.b .8 2
pts.		Total 1906 to 30th June, 1955.	÷	£ 8. d.
Receipts.		Receipts Year Ended 30th June, 1955.	61	£ 5. d.
		District.	1.	

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

15,880 11 7	71.249 12 7	339,534 11 8	139,943 16 8	58,548 19 2 566,608 12 6	1,095.354 13 4
654 5 10	11,264 15 0	16,583 9 7	6 8 91	01 01 x46.x5	912,814 8 0 1,095,354 13
:	:		:	:	55,033 10 0
:	:	596 6 7	:	29 962	11 1 126,55
1,865 10 9	3,097 2 3	:	5,541 1 5	10,503 14 5	135,427 7 9
43,749 14 10	26,647 14 8 462,993 7 8	3.333,923 13 1	250,291 18 10	4,090,058 14 5	72,046 0 0 1,078,823 0 11 15,239,007 14 6 135,427 7 9
3,920 4 11	26,647 14 8	208,740 14 3 3.333,923 13	17,044 7 4	256.953 1 2 4.090,958 14 5	1,078,823 0 11
197 0 0	1,687 0 0	14,340 0 0	800 0 0	17,114 0 0	72,046 0 0
3,723 4 11	24,960 14 8	194,400 14 3	16,154 7 4	230,230 1 2	1,006,777 0 11
2,054 14 2 27,214 17 5	23,550 12 5 380,479 0 1	209,337 0 10 2,947,805 11 10	11,503 5 11 110,301 13 5	240,415 13 4 3,465,801 2 9 239,239 1 2	965.766 15 1 13,288,342 3 2 1,006,777 0 11
	23,550 12 5	209,337 0 10	11,503 5 11	246,415 13 4	965,766 15 1
:	:	:	:	:	;
:	:	:	:	:	:
:	:	:	:	:	:
26. Fish Point	27. Nyah	28. Red Cliffs-Merbein	29. Tresco	Totals	Grand Totals

IRRIGATION AND WATER SUPPLY DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR YEAR 1954-55.

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.

						Cuargea	and timounos	TOO TO	i					
		Ä	Revenue Assessment.	ent.		I	Expenditure.				Profit and	Loss.		
District.	(A) (C) (B) D	(A) General Rate. (B) Drainage Rate.	(A) Irrigation Charge. (B) Sales and Miscellaneous.		Total Revenue Assessments.	(A) Operating Costs. (B) Depreciation.	Amounts Written Off.	Total.	(Dr.) Excess Expenditure over Assessment. (Cr.) Excess Assessment over Expenditure. 1954-55.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1954-55. (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, 1955.
		£ 8. d.	બ	s. d.	£ 8. d.	£ 8. d.	£ 8. d.	.b .s 2	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.	£ 8. d.	£ 8. d.
1. Bacchus Marsh	(¥)	850 6 6	6,603	0	10,443 2 4	9,152	0 9 9	9,509 4 11	(Cr.) 933 17 5	0 8 0	:	21,170 8 3	15,533 14 7	:
2. Boort	(¥)	2,444 17 0	8,501 8,501	15 10 5 0	20,876 7 0	$\frac{351}{21,510}$	12 8 4	23,555 5 9	(Dr.) 2,678 18 9	0 13 1	:	1,620 15 3	64,348 17 2	:
3. Calivil	(¥)	898 6 0	(B) 9,930 (A) 4,878	15 0	10,903 16 1	9,237	0 6 1	10,208 6 3	(Cr.) 695 9 10	0 18 0	:	19,935 9 2	:	13,644 8 8
4. Campaspe	₹	823 11 3		15 19	2,058 11 1	1,077	:	7 01 188,1	(Cr.) 677 0 6	:	:	3,695 6 10	2,960 17 0	:
Central Gip	(¥)	2,006 2 0		10 01	20,130 6 6	6,90 4	7,786 11 6	14,968 12 10	(Cr.) 5,161 13 8	:	:	:	:	9,147 18 11
	(A)	3,786 8 2)		14 6	57,428 2 10	$\frac{276}{57,621}$	67 0 10	62,559 13 0	(Dr.) 5,131 10 2	34 16 3	:	15,145 0 10	3,939 0 6	:
7. Deakin	(A)	$\frac{4,834}{3,471}$ 8 7	11,793	10 01	11,070 8 7	4,871 12,932	:	13,992 15 0	(Dr.) 2,922 6 5	81 7 3	(B) 0 14 4	2,255 4 0	11,133 12 2	:
8. Dingee	(A)	ت. ت	(B) 3,013 (A) 3,335	17 0 {	6,382 14 11	$\begin{cases} (B) & 1,060 & 0 & 0 \\ (A) & 6,637 & 9 & 4 \end{cases}$:	7,098 9 4	(Dr.) 715 14 5	:	:	4,766 11 5	:	252 18 0
9. Katandra	(A)	15	1,086	5 0 5 0 0 5	11,998 14 5	$\frac{461}{10,297}$:	10,713 6 0	(Cr.) 1,285 8 5	:	(A) 101 10 11	27,858 0 1	:	3,398 11 5
10. Kerang	(A)	12		14 5	28,866 12 3	$\frac{416}{26,667}$:	30,736 19 2	(Dr.) 1,870 6 11	:	:	3,766 6 2	14,934 19 1	:
11. Koondrook	(A)	2,605 5 3	(B) 10,066 (A) 18,466	14 6 10 0	32,691 4 8	4,069 28,240	:	. 30,476 9 11	(Cr.) 2,214 14 9	1 18 7	:	52,391 9 8	19,498 10 5	:
12. Maffra-Sale	(E)	17	9,597	3	49,446 6 1	$\frac{2,236}{49,766}$	102 5 5	54,454 13 2	(Dr.) 5,008 7 1	200 10 6	(B) 23 5 1	3,713 1 5	98,719 0 2	:
13. Murray Valley	<u>E</u>	3,924 3 0 8,083 6 0	8,610	15 10 { 12 6	105,965 2 2	77,913	3,234 4 1	82,599 13 8	(Cr.) 23,365 8 6	105 5 0	(B) 54 13 10	:	:	65,649 8 5
14. Mystic Park	(¥)	387 3 4	2,065	3 10 0 1	2,785 6 1	1,452 $5,067$:	5,293 11 5	(Dr.) 2,508 5 4	0 1 0	:	2,112 16 8	20,892 8 1	:
15. North Shepparton	(¥)	18	(B) 332 (A) 9,899	25	17,988 9 10	21,	0 9 2	22,509 14 4	(Dr.) 4,521 4 6	:	(A) 182 15 6	42,760 2 0	12,571 19 3	:
16. Robinvale	(B)(F)	897 ± 0 1,023 ± 4	(B) 4,482 (A) 32,338	અ અ	47,928 3 6	43,039	20,982 2 2	70,051 2 3	(Dr.) 22,122 18 9	:	:	:	113,366 19 0	:
17. Rochester	(¥)	5.146 8 0)	(B) 14,566 (A) 43,099	18 10 0	72,624 13 0	6,030 67,020	:	71,752 19 5	(Cr.) 871 13 7	42 10 2	:	35,162 16 6	1,552 18 6	:
18. Rodney	££	2,635 14 4 8,874 6 6		15	84,449 14 2	4,732 87,055	28 15 0	95,446 12 11	(Dr.) 10,996 18 9	8 1 3	(B) 219 0 11	86,159 15 7	64,649 2 8	:
19. Shennarton	(E)	9	211	0 0 0 0	25,167 12 2	8,362 32,562	41 14 6	34,237 18 3	(Dr.) 9,070 6 1	:	(A) 291 14 2	60,912 11 9	43,501 10 0	:
20. South Shepparton	(B)	4,848 11 6 1,794 11 6	(B) 1,884 (A) 3,368		6,480 9 2	1,634	3 4 0	6,874 16 8	(Dr.) 394 7 6	:	(A) 60 19 9	2,735 16 9	8,024 6 3	:
21. Swan Hill	(A)	3,062 15 0)	(F)	20	31,599 0 7	296 35,795	78 8 5	38,210 18 7	(Dr.) 6,611 18 0	83 63 83	:	6,236 10 6	70,095 18 4	:
22. Third Lake	(B)	$\frac{1,931}{206}$ $\frac{18}{7}$ $\frac{0}{6}$	(B) (A) (A)	$\frac{7}{15} 0$	2,745 6 5		:	2,990 4 0	(Dr.) 244 17 7	:	:	2,439 2 2	6,055 7 1	:
Tongala-Stanhope	(A) (B)	$\begin{bmatrix} 3,407 & 1 & 0 \\ 5,337 & 3 & 5 \end{bmatrix}$	تهتر		56,285 10 11	$ \begin{cases} (B) & 152 & 0 & 0 \\ (A) & 84,362 & 1 & 0 \\ (B) & 2,171 & 0 & 0 \end{cases} $	4 10 0	86,537 11 0	(Dr.) 30,252 0 1	90 17 · 1	(B) 703 0 3	73,622 18 2	82,166 16 6	:

IRRIGATION AND WATER SUPPLY DISTRICTS—continued.

PROFIT AND LOSS ACCOUNT FOR YEAR 1954-55—continued.

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—continued.

		Revenue Assessment.		H	Expenditure.				Profit and Loss.	Loss.		
District,	(A) General Rate. (B) Drainage Rate.	(A) Irrigation Charge. (B) Sales and Miscellaneous.	Total Revenue Assessments.	(A) Operating Costs. (B) Depreciation.	Amounts Written Off.	Total.	(Dr.) Excess Expenditure over Assessment. (C) Excess Assessment over Expenditure. 1954-55.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1954-55. (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, 1955.
	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.	£ s. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.	£ s. d.	£ 8. d.
24. Tragowel Plains 25. Werribee	$\left\{ \begin{array}{cccc} (A) & 4.882 & 18 & 4 \\ (B) & 272 & 8 & 0 \\ (A) & 7.015 & 16 & 6 \\ (B) & 4.210 & 17 & 4 \\ \end{array} \right\}$	$\left\{ \begin{cases} (A) & 23,410 & 10 & 0 \\ (B) & 15,490 & 2 & 2 \\ (A) & 10,187 & 10 & 0 \\ (B) & 3,193 & 12 & 0 \\ \end{cases} \right\}$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{cases} (A) & 37,533 & 7 & 10 \\ (B) & 4,446 & 0 & 0 \\ (A) & 26,149 & 5 & 10 \\ (B) & 535 & 0 & 0 \\ \end{cases} $	43 13 8	42,023 1 6 26,684 5 10	(Cr.) 2,032 17 0 (Dr.) 2,076 10 0	0 : 0	 (B) 19 5 0	42,840 6 8 15,475 10 3	42,633 14 11 31,841 19 4	: :
Totals	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{cases} (A) & 449,200 & 2 & 6 \\ (B) & 222,190 & 2 & 11 \end{cases} $	784,979 9 1	$ \begin{cases} (A) 767,537 & 19 & 9 \\ (B) 54,932 & 0 & 0 \end{cases} $	32,397 16 0	854,867 15 9	854,867 15 9 ((Dr.) 107,126 10 4) ((Cr.) 37,238 8 8	570 10 5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	526,776 0 10	728,421 11 0 92,093 5	92.093 5 5

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the maintenance and management thereof and where water supplies are being continued by direction of the Governor in Council as Council and 1938, and 16th November, 1942, under Section 6, Water Act 1937, No. 4513.)

:	:	:	:	:	92,093 5 5
13,372 8 0	45,308 1 5	333,879 19 0	72,048 10 4	464,608 18 9	1,193,030 9 9
+ 1 62+76	30,297 7 11	47,614 2 7	65,026 + 5	145,417 2 3	672,193 3 1
:	:	:	:	:	$ \begin{cases} (A) & 637 & 0 & 4 \\ (B) & 1,019 & 19 & 5 \end{cases} $
:	15 0 0	120 3 10	10 10 0	145 13 10	716 + 3
3,920 # 11 (Dr.) 1,737 2 8	26,647 14 8 (Dr.) 2,032 8 11	(Dr.) 816 3 4	(Dr.) 3,198 2 7	28 12 0 256,381 13 2 (Dr.) 7,783 17 6 145 13 10	$1,111,249 8 11 \\ \{(Cr, 37,238 3 8\} $ $716 4 3 \begin{cases} (A) 637 0 4 \\ (B) 1,019 19 5 \end{cases} $
3,920 4 11	26,647 14 8	208,769 6 3	17,044 7 4	256,381 13 2	1,111,249 8 11
:	:	28 12 0	:	28 12 0	0 32,426 8 0
(A) 3,723 4 11 \	A) 24,960	وكو	$\begin{cases} (A) & 16,154 & 7 & 4 \\ (A) & 16,154 & 7 & 4 \\ (B) & 890 & 0 & 0 \end{cases}$	$ \left\{ \begin{array}{lll} (A) & 239,239 & 1 & 2 \\ (B) & 17,114 & 0 & 0 \end{array} \right\} $	$ (B) \begin{array}{cccc} 1,006,777 & 0 & 11 \\ 72,046 & 0 & 0 \\ \end{array} $
2,183 2 3	24,615 5 9	207,953 2 11	13,846 4 9	248,597 15 8	1,033,577 4 9
1,383 7 67	(A) 21,506 5 0*	(a) 173,416 10 0	(B) 12,282 0 0 (B) 896 8 3	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\left\{ \begin{pmatrix} A & 657,788 & 5 & 0 \\ (B) & 240,133 & 17 & 10 \end{pmatrix} \right\}$
(A) $316 \ 1 \ 8 \ \left \begin{cases} (A) \\ (B) \end{cases} \right $	(A) 340 19 0}	(A) 5.618 4 6 (B) 1.518 4 6	(A) 667 16 6	$ \begin{cases} (A) & 6.943 & 1 & 8 \\ (B) & 15.122 & 16 & 7 \end{cases} $	Grand Totals $\left\{ \begin{pmatrix} A & 81.589 & 2 & 2 \\ (B) & 54.065 & 19 & 9 \\ \end{pmatrix} \left\{ \begin{pmatrix} A & 657.788 & 5 & 0 \\ (B) & 240,133 & 17 & 10 \\ \end{pmatrix} \right\} \begin{pmatrix} (A) & 1,006,777 & 0 & 10 \\ (B) & 72,046 & 0 & 10 \\ \end{pmatrix}$
26. Fish Point	27. Nyah	28. Red Cliffs-Merbein	29. Tresco	Totals	GRAND TOTALS

URBAN DIVISIONS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1955; also of Interest charged at the rates of 3.456 per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation Charged for Financial Year 1954-55.

		Re	Receipts.			Expenditure.	liture.		-				Accumulated.	
					Year	Year Ended 30th June, 1955.	1055.		,			Surplus	Deficiency	Deficiency
Division.		Receipts, Year Ended 30th June,	Total 1906 to 30th June, 1955.	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	Total 1906 to 30th June, 1955.	Excess Expenditure Over Receipts 1954-55.	Execss Receipts Over Expenditure 1954–55.	Credified to District Account at 30th June, 1955.	Chargeable to District Account at 30th June,	Chargeable to State Account at 30th June, 1955.
1.		oi 	67	7	'n	6.	1:	νί	.6	10.	11.	5.	<u> </u>	14.
		. s. d.	. & S. d.	£ s. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.	£ s. d.
1. Cehuna	:	2,584 10 11	1 45,669 19 6	2,041 1 7	110 17 4	271 0 0	x	2,431 6 7	45,237 15 10	;	153 4 4	432 3 8	:	:
2. Lockington	:	1, 1,85	4 9,742 18 9	291 11 8	4 8 8	93 0 0	0 7 9	389 2 3	8,686 8 .0	:	143 5 1	1,056 10 9	:	:
3. Macorna	:	175 3	0 1,076 6 5	141 6 6	:	0 0 24	:	188 6 6	1,422 15 0	13 3 6	:	:	346 8 7	:
4. Red Cliffs	:	6,744 4	7 73,982 18 4	5,056 13 7	54 19 5	532 0 0	4 13 2	5,648 6 2	75,796 15 3	:	1,095 18 5	:	1,813 16 11	:
5. Robinvale	:	. 1,479 11 11	1 5,503 19 5	815 14 9	:	179 0 0	:	994 14 9	4,374 6 7	:	484 17 2	1,129 12 10	:	:
6. Tallygaroopna	:	326 11 0	0 1,422 3 0	173 9 7	:	55 0 0	:	228 9 7	1,046 17 4	:	98 1 5	875 5 8	:	:
Totals	:	11,842 8	9 137,398 5 5	8,510 17 3	170 0 0	1,177 0 0	13 8 7	9,880 5 10	136,564 18 0	13 8 6	1,975 6 5	2,993 12 11	2,160 5 6	:

The Divisions set out hereunder are those whose works will not produce sufficient revenue to cover the expense of 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.)

106 0 11	517 2 4	160 19 2	380 9 9	2,336 3 8	108 4 10	183 10 0 3,618 0 8	3,618 0 8
:	152 13 10	:	:	30 16 2	:	183 10 0	2,343 15 6 3,618 0 8
10 19 9	:	1,953 15 4	12 4 8	:	460 17 2	2,437 16 11	5,431 9 10
10 19 9	:	736 11 4	12 4 8	:	:	759 15 9	2,735 2 2
:	38 14 11	:	:	437 17 0	108 4 10	584 16 9	598 0 3
29 0 0 1,356 8 3	3,409 14 7	22,879 13 1	13,965 17 7	4,358 18 5	533 12 1 7,388 11 5	6,183 4 5 53,359 3 4	189,924 1 4
29 0 0	162 3 7	3,892 15 6	9 2 626	6 2 989	533 12 1	6,183 4 5	16,063 10 3 189,924 1 4
:	:	:	:	:	:	:	13 8 7
0 0 9	41 0 0	501 0 0	101 0 0	0 0 29	83 0 0	0 0 662	1,976 0 0
:	:	:	:	:	:	:	170 0 0
23 0 0	121 3 7	3,391 15 6	878 5 6	519 7 9	450 12 1	5,384 4 5	13,904 1 8
39 19 9 1,261 7 1 [2,739 18 5	24,672 9 3	13,588 12 6	1,991 18 7	7,741 3 9	6,358 3 5 51,995 9 7 5,384 4	18,200 12 2 189,393 15 0 13,904 1 8
89 19 9	123 8 8	4,629 6 10	991 10 2	148 10 9	425 7 3	6,358 3 5	18,200 12 2
:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:
:	:	:	:	:	:	.: sl	Grand Totals
7. Corop	8. Dingee	9. Heyfield	10. Leitchville	11. Murrabit	12. Stanhope	Totals	Gran

URBAN DIVISIONS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1954-55.

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.

							Expenditure.	iture.					Profit and Loss.	.0ss.		
Division	rio n.			Revenue Assessment.	Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	. Fotal.	Excess— (Dr.) Expenditure, ((r.) Assessment for Year.	Revenue Due for Previous Yoars Written Off.	Adjustments to Revenue for Years Prior to 1954-55. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938, Borne by State. Act No. 5017.)	Loss since 30th June, 1935.	Gain as at 30th Juno, 1955.
				£ 8. d.	£ s. d.	. s. d.	£ 8. d.	£ 8. d.	£ s, d.	£ s. d.	£ s. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.	£ 8. d.
1. Cohuna	:	:	: :	2,559 3 2	2,041 1 7	110 17 4	0 0 175	8 4 8	:	2,431 6 7	(Cr.) 127 16 7	0 12 8	:	:	:	610 2 2
2. Lockington	:	:	- :	554 6 2	291 11 3	4 3	93 0 0	0 7 9	:	389 2 3	(Ct.) 165 3 11	0 12 6	(B) 1 0 0	:	:	1,124 0 11
3. Macorna	:	:	·· - :	180 15 8	141 6 6	:	0 0 21	:	:	188 6 6	(Cr.) 1 9 2	:	:	:	331 11 10	:
4. Red Cliffs	:	:	:	6,045 2 2	5,056 13 7	54 19 5	532 0 0	4 13 2	:	5,648 6 2	(Cr.) 1,296 16 0	6 18 9	(B) 0 5 0	:	7 61 515,1.	:
5. Robinvale	:	:	. :	1,565 3 1	815 14 9	:	179 0 0	:	:	994 14 9	(Cr.) 570 8 4	:	(B) 13 0 0	:	:	1,334 17 9
6. Tallygaroopna	:	:	 :	317 13 3	173 9 7	:	55 0 0	:	:	0 8000 8000	(Cr.) 89 3 8	:	•	:	:	381 11 11
Totals	:	:	<u> </u>	12,131 3 6	8,519 17 3	170 0 0	1,177 0 0	88 87 7-		9,880 5 10	(Cr.) 2,250 17 8	8 3 11	(B) 14 5 0	:	1,547 11 5	5 3,450 12 9

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 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. Dingee				_					
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WATERWORKS DISTRICTS.

CASH ACCOUNT.

Statement of Moneys received and disbursed from 1st May, 1906, to 30th June, 1955; also of Interest charged at the rate of 3.546 per cent. on Capital Debits, as at 30th June, 1943, and Depreciation charged for Financial Year 1954-55. (State Works of Water Supply excluded.)

District. 1. I. Sellarine Peninsula Esta Loddon E. Mornington Peninsula Mornington Peninsula Novestead T. Okway	Beee Brees B	Total 1906 Total 1906 30th June, 1955. 3. 2. 3. 2. 3. 3. 3. 3. 4. 199,065 16 10 12,198 15 2 11,310 14 11 25,403 10 4 11 25,403 10 4 11 25,403 10 4 17 25,403 10 4 17 25,403 10 7 32,388 7 9 22,388 7 9 22,388 7 9 22,388 7 9 22,388 7 9 22,388 7 9 22,388 7 9 22,388 7 9 23,485 10 7 24,51,19 16 4	Operating Costs. 4. 5. 8. d. 19,122 8 10 1,685 2 10 1,685 2 10 1,685 1 13 7 8,124 13 7 8,779 2 10 8,779 2 10 8,779 2 10 8,779 2 10 8,779 2 10 8,779 2 10 8,779 2 10 8,779 2 10	Y car e Interest. 5. 2,944 6 8 7,681 2 0 3,154 0 5	Expending to the content of the cont	une, 1955. nn. Redemption. 7. 7. 7. 0. 0. 0. 0. 0. 0. 0	Total. 8. 8. 8. 23,305 15 6 2,104 5 10 1,708 2 9 19,415 13 9 19,415 13 7 18,180 6 9 887 19 7 887 19 7 887 19 7	270,760 1 4 11 206,835,750 6 7 24,390 1 10 10 88,557 6 3 24,390 1 10 11 11 11 11 11 11 11 11 11 11 11	Excess Expenditure Over Receipts 1954-55. 10. 2 8. d. 13,059 7 5 1,550 14 5 255 0 0	Excess Receipts over Spenditure 1954-55. 11. 2	Surplus Credited to District Account at 30th June, 1955. £ s. d. 947 14 11 48,314 12 8 376 10 0 3.394 15 9 219 16 9	Accumulated. Deficiency Chargeable Account at 30th June, 1956. 13. £ 8. d. 61,766 14 10 2,751 0 0 8,741 17 1	Deficiency Chargeable to State Account at 30th June, 1955. 14. £ 8. d. 9,927 9 8 1.077 12 3
Winmera United	30,015 16 6 9,473 4 7	763,431 1 6 38,073 9 6	10 01	: : :	000	: : :	132	756,812 16 9 62,378 11 1	: : :	775 10 10 506 5 3	6,618 4 9	1 -	: : :
Totals	143,760 7 10 2,295,795 9	2,295,795 9 5	138,336 14 4	13,779 9 1	6,471 0 0	232 3 6	158,819 6 11 2,443,668 13	2,443,668 13 8	17,175 5 0	2,116 5 11	59,871 14 10	181,090 1 3	26,654 17 10

The districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of 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, 21st October, 1944, and 25th November, 1952, under the provisions of Section 6, Water 4ct 1937, No. 4513.)

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WATERWORKS DISTRICTS.

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1954-55.

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

	Loss since Galu as at 30th June, 1938.	s. d. £ s. d.	8 9 3 1,509 4 3 15 1 6 53,005 5 0 376 10 0 376 10 0 377 1 6 378 10 0 378 10 0 3
		d.	8 61,37 3 2,69 8,56 1 76,23 1 4,16 24,32 24,32
.88.	Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)	3: 3:	9,927 9 1,077 12 2,221 10 13,428 5
Profit and Loss.	Adjustments to Revenue for Years prior to 1954-55. (A) Losses. (B) Gains.	£ s. d.) 31 5 10) 21 15 0
		d.	(B)
	Revenue Due for Previous Years Written Off.	3	
	ture,	s. d.	114 3 125 3 4 14 11 15 3 8 17 11 17 0 17 6 17 6 17 6
	Excess— (Dr.) Expenditure, (Cr.) Assessment for Year.	બ	10,482 H 351 14 11 15 11 15 11 15 11 15 12 15 12 18 13 18 13 18 13 18 14 15 14 15 15 18 17 18 1
	(G.).		<u> </u>
	-	s. d.	සට්ස∞ r-œ1-++∞r∪ ∞
	Total.	બ	23,518 9 2,104 5 2,104 5 2,104 5 1,109 1 8,601 13 8,601 13 14,189 6 18,50 6 11,17 6 14,189 6 18,50 1 11,17 6 16,189 1 17,18 1 18,19 1 18,10
	nts en	s. d.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Amounts Written Off.	બ	. : 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	tion.	s. d.	9 5 11 9 0 5 11 6 0 6 0 1 1 1 8 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1
iture.	Redemption.	બ	212 13 621 2 823 8 232 8
Expenditure.	tion.	s. d.	0000 000000 0
	Depreciation.	બ	1,239 655 23 1,185 2024 774 2027 784 156 69 69
		s. d.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Interest.	બ	19,122 8 10 2,944 6 2,039 5 10 1,035 5 10 10,549 11 9 7,681 2 8,124 13 7 8,779 2 10 8,779 2 4 5,507 19 4 13,779 9
3	ing ,	s. d.	01 8 20 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Operating Costs.	અ	19,122 8 2,039 5 10,169 11 11 11 11 11 11 11 11 11 11 11 11 11
	qent.	s. d.	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Revenue Assessment.	બ	10,035 2,456 1,772 20,050 9,305 14,325 5,893 5,893 9,474 9,444 1,45,621
	District.		insula Peninsula Peninsula nnmera nited s s
	Dist		2. Bellarine Penins 2. Bast Loddon 3. Loddon 4. Mornington Pen 6. Norwstead 7. Olway 7. Olway 8. Weether 9. Western Wimm 11. Wimmers Unit 12. Wychitella 12. Wychitella 13. Totals 14. Totals 15. Totals

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of 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, 21st October, 1941, and 25th November, 1952, under the provisions of Section 6, Water Art 1937, No. 4513.)

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23,844 1 4 11,264 17 1 1 22,300 5 10 5 10 5 10 5 10 5 10 5 10 5 10 5	651,033 10 4 2.572,085 11	677,688 8 2
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12,448 12 5 41,258 6 9 41,251 10 1 2,077 1 8 64,826 6 11 16,486 10 1 16,486 10 1 16,486 10 1 16,486 10 1 16,508 10 1 16,508 10 1 16,508 10 1 16,508 10 1 18,872 1	354,048 1 8	492,384 16 0
8,453,12 1,337,10 1,337,10 1,37,70 1,40 1,5	172,647 18 7	318,269 1 9
13. Birchip 14. Hindmash 15. Karkarone 16. Kerang-North-West Lakes 17. Long Take 18. Milewa 19. Ouyen 20. Sea Lake 21. Tyntynder 22. Tyntynder North 23. Tyrrell Westen 24. Tyrrell Westen 25. Upper Westen Wimmera 26. Upper Westen 27. Walpenp West	Totals	GRAND TOTALS

URBAN DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st May, 1906, to 30th June, 1955; also of Interest charged at the rate of 3.546 per cent. on Capital Debits subsequent to 30th June, 1943, and of Redemption and Depreciation charged for Financial Year 1954-55. (State Works of Water Supply excluded.)

	Deficiency	Chargeable to State Account at 30th June, 1955.	14.	2. s. d 216.18 8 538 9 1 3,601.18 7 510.10 1 140.17 2 14.197 5 10	1
Accumulated.	Deficiency	Chargeable to District Account at 30th June, 1955.	13.	542 17 11 343 2 10 660 13 10 650 13 10 133 4 10 133 4 10 138 4 7 0 562 19 4 5630 2 8 8,630 2 8 8,630 2 8 1,562 17 11 15,234 7 9	
1	Surplus	Credited to District Account at 30th June, 1955.	12.	2, s, d. 167 13 8 3,468 2 10 2,020 9 0 2,4723 19 5 1,314 8 8 5,086 17 11 4,667 7 1 4,1667 7 1 1,667 7 1 1,667 7 1 1,679 8 6 13,184 4 10 6,263 4 7 1,083 18 5 4,019 2 9 6,263 4 7 1,083 18 6 5,4619 2 9 6,463 4 11 1,083 18 6 6,4619 6 11	
		Expenditure, 1954-55.	11.	\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
		Expenditure over Receipts, 195455.	10.	\$\begin{align*} \begin{align*} \begi	
		Total 1906 to 30th June, 1955.	9.	2. 6. 6. 7. 1,856 10 6 7 1,856 10 7 1,856 10	
		Total.	œ	607 0 1 4,743 4 4 4 4 112 13 10 10 1,2800 18 8 8 2,8803 14 2 8,863 14 6 8,563 17 4 6,5728 18 8 2,786 4 10 1,888 18 3 2,768 4 10 1,882 18 3 1,882 18 3 1,882 18 3 1,882 18 3 1,882 18 3 1,882 18 3 1,882 18 3 1,582 18 3 1,583 8 10 1,583 8 10	Î
Expenditure.	1955.	Redemption.	7.	20 15 8 4 10 10 11 10 10	Ī
Expe	nded 30th June, 1955	Depreciation.	6.	\$\$ 6. 4. 4. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	
	Year ended	Interest.	ĭÇ.	2.7 15 10 8 18 18 9 77 8 3 3 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		Operating Costs.	4	\$ 5. 6. 4. 5. 8. 6. 6. 5. 6. 4. 5. 8. 6. 6. 5. 6. 6. 5. 6. 6. 5. 6. 6. 5. 6. 6. 5. 6. 6. 5. 6. 6. 5. 6. 6. 5. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	
Receipts.		Total 1906 to 30th June, 1955.	က်	2, 8, 6, 7, 1, 889 11, 1, 1, 889 11, 1, 1, 889 11, 1, 1, 889 11, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	
Rec		Receipts Year ended 30th June, 1955.	oi .	£ £ £ £ d. 4. 2527 15 11 3 566 6 5 9 1 3 566 6 6 9 9 1 3 566 6 6 9 9 1 5221 9 1 3 566 6 6 9 9 1 5221 9 1 3 566 6 6 9 9 1 5 5 5 5 6 6 6 9 9 1 5 5 6 6 6 9 9 1 5 5 6 6 6 9 9 1 1 7 4 5 6 6 7 1 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
		District.	ï	1. Allansford 2. Antwerp 3. Barwon Heads—Ocean Grove 4. Berriwillock 5. Berwick 6. Birregura 7. Brim 8. Camperdown 10. Cobden 11. Dandenong—Springvale 12. Culgoa—Frankston 12. Culgoa—Frankston 13. Dandenong—Springvale 14. Dinboola 15. Dromana Portsea 16. Dromana Portsea 17. Longwarry 18. Marnool 20. Minyip 21. Pakerham 22. Pakerham 22. Pakerham 23. Pakerham 24. Pimpinio 25. Pyramid Hill 26. Pyramid Hill 27. Rainhow 28. South Frankston 39. South Frankston 31. Torang	

g continued by direction of the Governor in (By authority of Orders in Council, dated 13 1,000 1, 77,194 91,3914 11 13 3 5 5 5 11 10 8 2 73.47 . 11 19,673 4,439 11 6 $\frac{4}{12} \frac{1}{10}$ 9 6 5 11 8-89 19 0 8 0 13 624 631 621 1,220 1,535 1 219 2 2,370 ... 10,086 173,706 water supplies are being the State Account." (I 5 8 | 12 10 | 19 6 14 10 3 8 8 11 18 4 10 5 20 10 10 10 4 17 16 16 17 ر 0 م m 0 201 (315 1(315 1(17 2 75 8 3,79218,329 666 9 8 155 15 11 179 11 7 7 11 3 7 11 3 7 11 3 114 17 7 123 9 0 1 121 8 9 1 121 8 9 1 121 9 9 1 121 9 9 1 121 9 9 1 121 9 9 1 121 9 9 1 121 9 9 1 121 9 9 1 122 9 9 1 123 9 9 1 124 1 9 9 1 125 1 9 9 1 126 1 9 9 1 127 1 1 1 9 9 1 128 1 9 9 1 129 1 9 9 1 120 1 9 1 120 1 9 1 1 111 3 8 00 10 17 and management thereof, and where w "Revenue Expenditure Chargeable to Water Act 1937, No. 4513.) 25,964 00 18 74.77 74.77 74.77 75 937,183 3,313,375 9 16 55,929 282,448 expense of the maintenance is been transferred to the the provisions of Section 6, 1 6 | 16 0 16 6 9 00 ١~ 11 12 2 ~ စ အ 7 18 0::004 165 0 0 0 to cover the exise districts has by 1946, under the $\begin{array}{c} \textbf{101} \\ \textbf{101$ 4,628 21,75981.7 4 81.7 4 81.7 7 4 81.7 7 4 81.7 7 4 81.7 7 4 81.7 7 4 81.7 7 4 81.7 7 4 81.7 7 4 81.7 7 4 81.7 7 4 81.7 7 4 81.8 1 1 2 10 81.8 1 3 9 81.8 1 4 82.10 9 9 82.10 9 9 83.10 1 1 84.10 9 9 85.10 9 9 85.10 9 9 86.10 9 9 86.10 9 9 87.10 9 88.10 9 88.10 9 88.10 9 89.10 9 80.1 uce sufficient revenue to I management of these 1945, and 24th April, 19 18 19 70,419

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 <td 0 $\frac{\infty}{2}$ 7,405 1,507 1, produce s 188,103 works will not product the maintenance and 1, 1944, 3rd October, 01 25,902 27,504 865,637 3,376,017 r are those whose was resulting from the), 18th December, 1 21-1-84-08-1-20-4-20-1-8-1-4-0-1-3-1-3-1-8-0-1-8 16 3.946 1.388 1.388 1.45 1.45 1.45 1.45 1.45 1.5 49,478 274,813 The Districts set out hereunder a Council. The annual amount of loss 1 30th July, 1938, 9th December, 1940, TOTALS sa --Crib Point Anglesea Anglesea Anglesea Anglesea Benlah Benlah Bunyin Carwarp Carwarp Chilliophan Chilwapook Drysdal Garffield Hastings Hopetoun Jung Jung Kondrook Lake Boga Labert Labert Labert Manugatang Meringur Manugatang Meringur Manugatang Meringur Manugatang Meringur Markari Manugatang Meringur Manugatang Meringur Manugatang Markari Manugatang M Tempy
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Yaapeet GRAND

URBAN DISTRICTS

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1954-55.

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.

	Gain as at 30th June, 1955.	200 17 3 63 16 8 5,566 10 2 2,375 9 9 7,510 10 30,062 8 6 1,408 16 9 5,504 4 8 5,504 18 8 6,504 18 8 3,310 8 3,310 8 3,310 8 6,504 18 8 15,704 18 8 11,408 18 9 11,408 18 18 18 18 18 18 18 18 18 18 18 18 18	190,463 7 5
	Loss since 30th June, 1938.	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	9
3.	Interest and other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.)	9,188 12 3 9,188 12 3 538 9 1 3,601 18 7	-
Profit and Loss.	Adjustments to Revenue for Years prior to 1934-55. (A) Losses. (B) Gains.	(B) (B) (B) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	6 5
	Revenue Due for Previous Years Written Off.	25. d. 101 12 6 176 3 11 12 8 8 8 9 102 0 6 15 0 6 15 0 8 8 9 11 11 0 11 11 11 11 11 11 11 11 11 11 1	707 4 6
	Excess— (Cr.) Assessment for Year.	8 8 8 9 9 1 1 1 2 2 8 9 9 9 1 1 1 2 2 8 9 9 9 1 1 1 2 2 9 9 9 9 9 9 1 1 1 2 2 9 9 9 9	22,263 15 13,537 2
	<u>(Ö</u> .)		† {(Dr.) {(Cr.)
	Total.	6.7.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	230.045 5
	Amounts Written Off.	3	15 2 10
ture.	Redemption.	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5,487 10 4
Expenditure.	Depreciation.	2. 8. 4. 6. 6. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	17,131 0 0
	Interest.	2, 2, 2, 3, 4, 5, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	67,946 1 10
	Operating Costs.	2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2	139,465 10 4
	Revenue Assessment.	2. 2. 3. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	221,318 12 0
	District.	1. Allansford 2. Antwerp 3. Barwon 4. Grove 6. Grove 6. Brewick 5. Berwick 6. Berwick 7. Brim. 9. Chelsea-Frankston 10. Cobdon 11. Cranbourne 12. Culgoa 12. Dimbourne 13. Danbourne 14. Dimbourne 15. Dromana-Portsea 16. Jeparit 17. Longwarry 18. Marnoo 19. Merbein 20. Minnis 21. Mornington 22. Natimusk 23. Pakenham 24. Pimpinio 25. Paramid Hill 26. Queensclift-Poirt Lons- dale idale	Totals

614 19 9	:	2.585 9 1	336 18 3	:	:	738 0 7	1,518 4 10	10	171 0 3	:	:	: :	: :	:	:	:	:	:	:	895 0 6	:	:	:	: :	: :	:	0.050.10		: :	:	:	:	:	:	: :		9,154 19 2
7	3,695 0 3	2.0	;	0 #1 89	0 825,	:	: :	:		2,337 4 9	3.5	1,526 19 5	00	15	1,440 16 4		ı — ;	8,595 16 8	9		8 11 211		3.850 17 6	343 18 9	::	→;	0 21 626	2.349.15 7	0	1,084 15 10	· O :	2	1	el c	777 11 11		50,194 9 7
1,638 15 9 96 18 2		474 1 9	9	20 12 12 12 12 12 12 12 12 12 12 12 12 12	C 7			13		112	558 14 55	œ	411 15 11	:	:	:	:	:	48 2 10			:	1,794 19 7		:	:	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		498 8 2	;	284 19 8		-	:	: :		12,406 9 9
5 17 6	30 19 6	3 :	:	:	: :	1 0 0	:	10 8 2	: -	- 22	: :	0 10 6	:		:	:	0 61 1	: :	: :	:	:	:	: :	7	0 15	:	: +	· :	:	:	:	:	:	20:	200		106 19 17
::	26 6 1 (B)		1.50		: :	(B)		_	+ G	12.16 4 (B)		9 2 2 (B)	_	6 11 0 (B)		11 10 0 9 10 0 (B)	0 01	: :	:			4 12 2 2 4 0	3	9 10 0 (A)	0	: ;	٠.	<u>.</u>	:	;		-	: :		17 8 1 (B)		296 14 7 (A)
1,846 13 0 6 18 6	r 0	301 19 7		2		2	₩,	2] k	10x 0	: 0		Ξ		25	5	2 2	4		-1	11 5 1	٠,	0.0	125		<u> </u>	S - S	9	ıc	≃;	_	218 TS	15.	2 2	710 10 5			9,091 13 4 5,349 6 5
(C)	<u>(</u>	(Cr.)	<u> </u>	(E)	(Dr.)	(Cr.)	(Br.)		96	9	(Dr.)	(Cr.)	<u>:</u>		3	26		9:	(Cr.)	(Dr.)		(25)	<u>:</u>	(Dr.)	9		(C.E.)	(Dr.)	<u>.</u>	(DI:)			9	(1)	(Dr.)		(Gr.)
1,510 14 9 857 17 0	25	20	20 10				9 9 22 9	1,190 9 10	==	1.296 11 8		9	219 0 8	000		+00 To +	o er		_	1,201 3 11	190 15	11 2 65		266	2,024 16	+ 15	Т	0		25.50	11.753 15.	2 9/1		2,506 11 6			55,952 11 7
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1,405 15 11 776 15 5	ရှက ေ		d ro	310 18 6	24.1	880 II 88	1.013 5 1	1.592 4 3	417 10 9	1.084 8 6	4 + 061.1	133 0 15	;=			191 18 3	1,826 1 9	11	286 1 6	H 90	365 11 4		1,596 0 8 7 5:500	200 To 7	156 3 9	113 15 5	1,347 6 9	2 of 98		876 14 6		680 18 3	ر ا		7 61 211	1	45,055 / 8
3,357 7 9 864 15 6 2.281 10 11	22:	1,550 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			73 16 9	1,480 8 9	1.539	1,696 14 3	585 5	1,242 11 6	320 17 23	957 5 0	810 7 5	162 4 7	407 10 1	196 3 3	1,046 7 0	249 17 1	1 190 18 10	100	#	~ ·	5,324 6.2 6.0 6.0 6.0	0 63	14	19		000 10 0		٠ı	7,405 13 11	865 4	415 3 5	٦,	114 / 10		04,510
:::	Bittern-Crib Point	: :	: :	:	:	:	: :	:	:	:	:	: :	Manangatang	:	:	:	:	:	:	: :	Patchewollock	Piangil	:	Sea Lake	: :	:	:	:	: :	:	:	:	:	:	:	Totals	:

FLOOD PROTECTION DISTRICTS.

CASH ACCOUNT.

STATEMENT of Moneys received and disbursed from 1st July, 1920, to 30th June, 1955, also of Interest and Depreciation charged for Financial Year 1954-55.

	Recy	Receipts.			Expenditure.						Accumulated.	
District	Receipts			Year Ended 30th	th June, 1955.		0007	Excess Expenditure over	Excess Receipts over	Surplus	Deficiency	Deficiency
	Year Ended 30th June, 1955.	to 30th June, 1955.	Operating Costs.	Interest.	Depreciation.	Total.	to 30th June, 1955.	Receipts 1954–55.	Expenditure 1954-55.	Created to District Account, at 30th June, 1955.	Chargeable to District Account at 30th June, 1955.	Chargeable to State Account at 30th June, 1955.
	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.
1. Cardinia	8,161 7 3	92,564 3 0	12,241 11 1	:	19 0 0	12,260 11 1	121,348 17 3	4,099 3 10	:	:	25,480 15 1	3,303 19 2
2. Kanyapella	160 10 9	7,341 5 6	699 4 9	:	:	609 4 0	6,231 19 8	538 14 0	:	1,109 5 10	:	:
3. Loch Garry	362 4 1	22,862 18 4	327 19 8	:	:	327 19 8	19,749 19 10	:	34 4 5	3,112 18 6	:	:
4. Lower Koo-wee-rup	17,028 7 11	183,356 11 8	28,272 6 10	:	0 0 19	28,336 6 10	235,441 16 4	11,307 18 11	:	:	44,136 3 0	7,949 1 8
Totals		25,712 10 0 306,124 18 6	41,541 2 4	:	83 0 0	41,624 2 4	382,772,13 1	15,945 16 9	34 4 5	4.222 4 4	69,616 18 1	11,253 0 10

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1954-55.

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

				Expenditure.						Profit and Loss,			
District.	Revenue Assessment.	Operating Costs.	Interest.	Depreciation.	Amounts Written Off.	Total	Expendiure Expendiure Over Assessment.	Excess Assessment over Expenditure.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years Prior to 1954-55. (A) Loss. (B) Gain.	Interest and Other Losses Prior to 30th June, 1938, Borne by State.	Loss since 30th June, 1938.	Gain as at 30th June, 1954–55.
	£ 8. d.	£ 8. d.	.b .s 2	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.	£ 8. d.	£ s. d.	£ 8. d.	£ 8. d.	£ 8. d.	.s. d.
1. Cardinia	7,903 18 4	12,616 11 1*	:	19 0 0	1 16 10	12,637 7 11	4,733 9 7	:	6 16 7	(B) 6 16 7	3,303 19 2	16,701 18 6	:
2. Kanyapella	8 8 8 8	699 4 9	;	:	:	6 F 669	579 16 1	:	:	;	:	:	1,119 6 11
3. Loch Garry	348 1 10	327 19 8	;	;	3 10 8	331 10 4	:	16 11 6	:	:	:	:	3,163 3 5
4. Lower Koo-wee-rup	16,936 11 7	28,272 6 10	:	64 0 0	19 1 0	28,355 7 10	11,418 16 3	:	8 14 3	:	7,949 1 8	43,344 9 4	:
Totals		25,308 0 5 41,916 2 4	:	83 0 0	24 8 6	42,023 10 10	16,732 1 11	16 11 6	15 10 10	(B) 6 16 7	11,253 0 10	60,046 7 10	4,282 10 4

• 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, 1955; also of Depreciation charged for Financial Year 1954-55.

		Rec	Receipts.		Expe	Expenditure.					Accumulated.	
				Year	Year Ended 30th June, 1955.	, 1955.		Excess	Excess		i e	
District.		Receipts 1954-55.	Total 1937, to 30th June, 1955.	Operating Costs.	Depreciation.	Total.	Total 1937, to 30th June, 1955.	Expenditure over Receipts, 1954-55.	Receipts over Expenditure, 1954-55.	Surplus Credited to District Account at 30th June, 1955.	Denciency Chargeable to District Account at 30th June, 1955.	Denciency (hargeable to State Account at 30th June, 1955.
1.		oi	.93	÷	ē.	.9	7.	σċ	.90	10.	11.	19.
1. Carrum	:	£ 8, d. 9,147 3 5	£ 8. d. 59,418 5 2	£ s. d. 11,446 6 6	£ s. d.	£ s. d. 11,467 6 6	£ s. d. 67,800 15 0	£ 8. d.	.р .s :	£ s. d.	£ s. d. 8,382 9 10	s. a.
Total	:	9,147 3 5	59,418 5 2	11,446 6 6	21 0 0	11,467 6 6	67,800 15 0	2.320 3 1	:	:	8,382 9 10	:

PROFIT AND LOSS ACCOUNT FOR FINANCIAL YEAR 1954-55.

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

	Gain as at 30th June, 1955.	. s. d.	:
	Loss since 30th June, 1938.	£ s. d. 7,284 12 7	7,284 12 7
	Interest and Other Losses Prior to 30th June, 1938, Borne by State. (Act No. 5017.)	. s. d.	:
Profit and Loss.	Adjustments Revenue for Years Prior to 1954-55. (A) Loss. (B) Gain.	. s. d.	:
	Revenue to Due for Previous Years Off.	£ 8, d. 2 19 7	2 19 7
	Excess Assessment over Expenditure.	. s. d.	:
	Excess Expenditure Over Assessment.	£ s. d. 2,764 11 10	2,764 11 10
	Total.	£ s. d. 11,525 6 6	11,525 6 6
iture.	Amounts Written Off.	£ s. d.	28 0 0
Expenditure.	Depreciation.	£ s. d. 21 0 0	21 0 0
	Operating Costs.	£ s. d. 11,446 6 6	8,760 14 8 11,446 6 6
,	Revenue Assessment.	£ s. d. £ s. 8,760 14 8 11,446 6	8,760 14 8
		:	:
		:	:
	District.	:	;a1
		l. Carrum	Total

SUMMARY OF CASH ACCOUNTS, 1954-55.

	Rec	Receipts.			Expenditure.	ure.				Accumulated at 30	Accumulated Surplus or Deficiency at 30th June, 1955.
				Year E	Ended 30th June, 1955.	1955.			(D) Excess Expenditure over Receipts.		
Works.	Year Ended 30th June, 1955.	Total 1906 to 30th June, 1955.	Operating Costs.	Interest.	Depreciation.	Redemption.	Total.	Total 1906 to 30th June, 1955.	(s) Excess Receipts over Expenditure. 1954-55.	(b) Chargeable; or (s) Credited to District Account.	or Chargeable to to State Account.
1.	ei	က်	4.	າດ	6.	7.	× i	.6	10.	11.	61
	£ 8. d.	. s. d.	£ 8. d.	.b .8 2	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	બી	s. d. E
Plant Workshops	32,915 10 9	165,821 16 10	27,422 4 2	574 16 2	1,412 0 0	53 4 0	29,462 4 4	208,839 14 7	79 12	43,479	
Coliban System	101,381 8 8	3 2,446,724 10 5	130,310 4 2	10,391 10 8	8,286 0 0	:	148,987 14 10	3,594,243 19 10	(D) 47,606 6 2	(5) 14,912 (8) 14,912	15 0 7 7 17 3 1,132,617 19
Irrigation Districts-						_				2	
Pumping	265,296 19 2	3,540,069 0 7	278,554 16 4	:	22,947 0 0	:	301,501 16 4	4,272,563 4 4	36,	(D) 181,766	2 10 550,728 0 11
Gravitation	700,469 15 11	9,748,273 2 7	728,222 4 7	:	49,099 0 0	:	777,321 4 7	10,966,444 10 2	$\begin{cases} (3) & 98,626 \pm 0 \\ (13) & 98,626 \pm 0 \\ (13) & 21,774 + 15 + 4 \\ \end{cases}$	(D) 730,548 (S) 55,033	$\begin{bmatrix} 5 & 2 \\ 10 & 0 \end{bmatrix}$ 542,656 12
Irigation Urban Divisions	18,200 12 2	189,393 15 0	13,904 1 8	170 0 0	1,976 0 0	13 & 1	16,063 10 3	189,924 1 4	((B) 598 0 3 (S) 2,735 2 2	(D) 2,343 (S) 5,431	9 10}
Waterworks Districts	318,764 8 3	6,001,912 9 9	492,384 16 0	13,779 9 1	14,892 0 0	232 3 6	521,288 8 7	9,392,809 17 10	$ \left\{ \begin{array}{lll} \text{(D)} & 205,846 & 1 & 8 \\ \text{(S)} & 3,322 & 1 & 4 \\ \end{array} \right\} $	$\begin{cases} (D) & 401,523 \\ (S) & 61,077 \end{cases}$	$\begin{pmatrix} 12 & 0 \\ 10 & 3 \end{pmatrix}$ 3,050,451
Waterworks Urban Districts	274,813 7 3	3,376,017 2 2	188,103 18 0	70,419 19 11	21,759 0 0	2,165 18 7	282,448 16 6	3,313,375 18 8	$ \begin{cases} (D) & 25,964 & 9 & 10 \\ (S) & 18,329 & 0 & 7 \end{cases} $	$\begin{cases} (D) & 19,673 \\ (S) & 173,706 \end{cases}$	$\begin{cases} 8 & 10 \\ 5 & 11 \end{cases}$ 91,391 13
Flood Protection Districts	25,712 10 0	306,124 18 6	41,541 2 4	:	83 0 0	:	+11,624 2 4	382,772 13 1	$ \begin{cases} (1) & 15,945 & 16 & 9 \\ (1) & 15,945 & 4 & 5 \end{cases} $	(D). 69,616 18 (S) 4,222 4	8 1 4 4
Carrum Drainage District	9,147 3 5	5 59,418 5 2	11,446 6 6	:	21 0 0	:	11,467 6 6	67,800 15 0	(D) 2,320 3 1	(D) 8,382	01 6
Totals	1,746,701 15 7 25,833,755 1	25,833,755 1 0	1,911,889 13 9	95,335 15 10	120,475 0 0	2,464 14 8	2,130,165 4 3	32,388,774 14 10	$ \begin{cases} (1) & 433,787 & 18 & 4 \\ (8) & 50,324 & 9 & 8 \end{cases} $	(S) 1,472,246 10 (S) 299,943 10	0 7 5,382,716 13 10

SUMMARY OF PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1954–55.

				Expenditure.	liture.					Profit and Loss.	oss.		
Works.	Revenue Assessment.	Operating Costs.	Interest.	Depreciation.	Redemption.	Amounts Written Off.	Total.	Excess— (Dr.) Expenditure (Cr.) Assessment for Year.	Revenue Due for Previous Years Written Off.	Adjustments to Revenue for Years prior to 1954-55. (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, 1955.
	£ 8. d.	£ 8, d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8, d.	£ 8, d.	£ 8. d.	£ s. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.
Plant Workshops	33,386 19 7	27,422 4 2	574 16 2	1,412 0 0	48 12 11	:	29,457 13 3	$ \begin{cases} (Dr.) & 79 12 10 \\ (Cr.) & 4,008 19 2 \end{cases} $:	:	:	31,569 13 6	461 13 0
Coliban System	107,110 15 7	130,310 4 2	10,391 10 8	8,286 0 0	733 1 10	0 15 9	149,721 12 5	(Dr.) 42,610 16 10	43 1 1	(A) 14 18 3	828,373 18 10	313,850 5 9	12 0 9
Irrigation Districts													
Pumping	294,342 16 11	278,554 16 4	:	22,947 0 0	:	21,010 14 2	322,512 10 6	(Dr.) 28,169 13 7	145 13 10	:	142,937 14 11	564,603 9 9	:
Gravitation	739,234 7 10	728,222 4 7	;	49, 099 0 0	:	11,415 13 10	788,736 18 5	$ \begin{cases} (Dr.) & 86,740 & 14 & 3 \\ (Cr.) & 37,238 & 3 & 8 \end{cases} $	570 10 5	$\left\{ \begin{pmatrix} A & 637 & 0 & 4 \\ (B) & 1,019 & 19 & 5 \end{pmatrix} \right\}$	529,255 8 2	628,427 0 0	92,093 5 5
Irrigation Urban Divisions	18,158 5 1	13,904 1 8	170 0 0	1,976 0 0	13 8 7	:	16,063 10 3	$\begin{cases} (Dr.) & 528 \ 15 & 5 \\ (Cr.) & 2,623 \ 10 & 3 \end{cases}$	158 19 10	(B) 14 5 0	408 19 7	4,652 3 6	5,944 6 5
Waterworks Districts 318,269 1	318,269 1 9	492,384 16 0	13,779 9 1	14,892 0 0	1,066 0 2	1,306 5 9	523,428 11 0	$\left\{ \begin{array}{ll} \text{(Dr.)} & 209,158 & 13 & 10 \\ \text{(Cr.)} & 3,999 & 4 & 7 \end{array} \right\}$	795 16 2	(B) 158 8 1	677,688 8 2	2,749,447 11 11	66,509 8 11
Waterworks Urban Districts	273,528 16 8	188,103 18 0	70,419 19 11	21,759 0 0	5,688 13 3	26 5 9	285,997 16 11	$ \begin{cases} (Dr.) & 31,355 & 8 & 10 \\ (Cr.) & 18,886 & 8 & 7 \end{cases} $	1,003 19 1	$\left\{ \begin{pmatrix} A & 113 & 4 & 1 \\ (B) & 1,449 & 11 & 2 \end{pmatrix} \right\}$	26,603 15 7	60,801 16 4	4 199,618 6 7
Flood Protection Districts	25,308 0 5	41,916 2 4*	:	83 0 0	;	24 8 6	42,023 10 10	$\left\{ \begin{pmatrix} \text{Dr.} \rangle & 16,732 & 1 & 11 \\ \langle \text{Cr.} \rangle & 16 & 11 & 6 \end{pmatrix} \right\}$	15 10 10	(B) 6 16 7	11,253 0 10	60,046 7 10	4,282 10 4
Carrum Drainage District	8,760 14 8	11,446 6 6	:	21 0 0	:	58 0 0	11,525 6 6	(Dr.) 2,764 11 10	2 19 7	:	:	7,284 12 7	:
Totals	1,818,099 18 6	1,818,099 18 6 1,912,264 13 9*	95,335 15 10 120,475 0	120,475 0 0	7,549 16 9	33,842 3 9	2,169,467 10 1	$ \begin{cases} (Dr.) & 418,140 & 9 & 4 \\ (Cr.) & 66,772 & 17 & 9 \end{cases} $	2,736 10 10	$ \begin{cases} (A) & 765 & 2 & 8 \\ (B) & 2,649 & 0 & 3 \end{cases} $	2,216,521 6 1	4,420,683 1 2	368,921 11 5

* Includes £375 instalment on Capitalized Maintenance.

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1955.

		and the same of th		Liabilities,	lties.					Assets.	ts.		
							Profit					Profit and Loss Account.	oss Account.
District.		Capital Borne by— (a) Netate.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account.	and Loss Aerount.	Works at Cost.	Depreciation Account.	Sundry Debtors.	Accumulated Surplus Credited to District	Loss since	Interest and Other Losses prior to
						(B) District Account.	Gain.				Account.	1938.	State. (Act No. 5017.)
		£ s. d.	£ 8. d.	s. d.	£ s. d.	£ 8. d.	£ ×. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
						PLANT WORKSHOPS.	SHOPS.						
1. Bendigo	:	(A) 225,694 6 4 1 (B) 17 203 12 11 (C)	342 19 2	9,900 16 3	:	(B) 43,479 10 9	:	243,331 4 5	9,900 16 3	11,909 17 3	:	31,569 13 6	:
2. Kerang Sub-Depot	:	(A) 3,518 3 4 (B) 352 12 5	ก ก	186 6 0	:	:	461 13 0	3,879 17 11	186 6 0	:	461 13 0	:	:
Totals	: رجي		352 1 4	10,087 2 3		(B) 43,479 10 9	461 13 0	247,211 2 4	10,087 2 3	11,909 17 3	461 18 0	31,569 13 6	
				£301,239 8s. 4d	s. 4d.					£301,239 8s. 4d.	8s. 4d.		
						COLIBAN SYS	SYSTEM.						
1. Harcourt	:	(A) 17,389 17 9	232 18 6	280 3 6	:	:	12 0 9	17,622 16 3	280 3 6	- 3	10 17 3	:	:
Totals	:	(A) 17,389 17 9	232 18 6	280 3 6	:		12 0 9	17,622 16 3	280 3 6	1 3 6	10 17 3	:	:
	.1												

The Districts set out herounder 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, 1944, and 26th February, 1946, under the provisions of Section 6. Water Act 1937, No. 4513).

:	828,373 18 10	:	313,850 5 9 828,373 18 10	828,373 18 10	
1,994 13 5	310,573 4 11	1,282 7 5	313,850 5 9	10 17 3 313,850 5 9	
:	:	:	:	10 17 3	3s. 7d.
50 11 9	19,026 1 7	87 9 1	19,164 2 5	19,165 5 11	£3,845,192 13s. 7d.
:	20,590 14 8	541 18 0	21,132 12 8	21,412 16 2 19,165 5 11	
5,014 16 1	2,637,341 16 9	2,400 0 7	2.644,756 13 5 21,132 12 8 19,164 2 5	12 0 9 2,662,379 9 8	
:	:	:	:	12 0 9	
(A) 1,063 13 2)	(A) 1.130,396 0 0 (A)	(B) 13,729 5 11 (A) 1,158 5 11 (B) 210 8 10	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
ر 10 ق و	240 4 4	:	249 6 4 {	249 6 4	
:	20,590 14 8	541 18 0	21,132,12,8	21,412 16 2	£3,845,192 13s. 7d.
:	13,607 12 3	15 3 10	13,622 16 1	13,855 14 7	
(A) 5,014 16 1	(A) 2,344,141 17 3	$\begin{cases} (3) & 2362 & 19 & 8 \\ (4) & 2362 & 19 & 8 \\ (B) & 22 & 18 & 10 \end{cases}$	$\begin{cases} \text{(A) } 2,351,519 \ 13 \ 0 \end{cases} \qquad 13,622 \ 16 \ 1 \\ \text{(B) } 293,222 \ 18 \ 4 \end{cases}$	$\begin{cases} (A) & 2,368,909 & 10 & 9 \\ (B) & 293,222 & 18 & 4 \end{cases}$	
2. Axe Creek	3. Coliban	4. Marong	Totals	Grand Total	

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1955.

			Liabilities.	ties.					Assets			
						Profit			-		Profit and Loss Account.	oss Account.
District,	Capital Borne by State.	Redemption.	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account.	and Loss Account.	Works at Cost.	Depreciation Account.	Sundry Debtors.	Accumulated Surplus Credited to District	Loss since 30th	Interest and Other Losses prior to 30th June, 1938,
					(B) District Account.	Gain,				Account.	June, 1938.	Borne by State (Act No. 5017.)
	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ s. d.	£ 8. d.	£ 8, d,	£ s. d.	£ 8. d.	£ s. d.	£ 8. d.
	_	_	-		IRRIGATION	N DISTRICTS	- S:	-	-	-		
1. Bacchus Marsh	188,030 3 11	968 9 4	1,144 17 8	0 3 4	21,170 8	:	188,998 13 3	1,144 17 8	797 11 2	:	15,533 14 7	21,170 8 3
2. Boort	324,442 4 9	215 13 8	5,753 10 7	1 1 6	(B) 16,331 2 5 (A) 1,620 15 3	:	324,657 18 5	5,753 10 7	7,348 11 2	:	64,348 17 2	1,620 15 3
3. Calivil	200,882 3 9	153 7 2	1,747 9 7	69 18 10	71,696 6 19,935 9	13,644 8 8	201,035 10 11	1,747 9 7	4,256 6 7	9,458 0 11	:	19,935 9 2
4. Campaspe	67,102 15 11	:	652 11 9	0 18 9	(A) 3,695 6 10	:	67,102 15 11	652 11 9	649 5 10	:	2,960 17 0	3,695 6 10
5. Central Gippsland (under	der 1,841,040 17 7	:	31 3 2	52 1 7	* ::	9,147 18 11	1,841,040 17 7	31 3 2	957 8 0	8,242 12 6	:	:
construction) 6. Cohuna	886,894 0 4	4,025 5 5	10,603 2 8	30 13 4	(A) 15,145 0 10}	:	890,919 5 9	10,603 2 8	10,476 0 4	:	3,939 0 6	15,145 0 10
7. Deakin	99,832 13 2	506 14 4	3,007 18 3	15 6 0	14,384 2,255 4,255 4,00 1,00 1,00 1,00 1,00 1,00 1,00 1,00	:	100,339 7 6	3,007 18 3	1,591 9 0	:	11,133 12 2	2,255 4 9
8. Dingee	94,766 15 1	198 0 9	796 4 7	34 13 3	(A) 4,766 11 5	252 18 0	94,964 15 10	796 4 7	500 18 8	:	:	4,766 11 5
9. Katandra	192,758 1 8	3 220 9 5	855 2 10	:	27,858 0 1	3,398 11 5	192,978 11 1	855 2 10	510 13 3	2,887 18 2	:	27,858 0 1
10. Kerang	398,269 6 9	1,110 12 9	7,182 1 7	17 11 2	3,766 6	:	399,379 19 6	7,182 1 7	8,341 0 9	:	14,934 19 1	3,766 6 2
11. Koondrook	494,523 6 9	9 1,307 4 9	6,342 8 1	6 17 3	ပ်ထား စကား	:	495,830 11 6	6,342 8 1	8,697 9 6	:	19,498 10 5	52,391 9 8
12. Maffra-Sale	1,384,407 9 10	2,447 15 0	11,297 16 9	107 0 8	-	:	1,386,855 # 10	11,297 16 9	1,850 19 7	:	98,719 0 2	3,713 1 5
13. Murray Valley	3,413,997 0 2	136 0 0	5,477 16 3	99 1 10	100,462 19	65,649 8 5	3,414,133 0 2	5,477 16 3	31,303 11 10	34,444 18 5	:	:
14. Mystic Park	61,981 12 8	8 8 101 8	354 3 4	0 8 0	2,112 16	:	62,083 1 4	354 3 4	1,216 18 1	:	20,892 8 1	2,112 16 8
15. North Shepparton	385,509 8 2	1,052 13 5	2,265 11 1	1 9 6	760 18 2760 18 20 20 20	:	386,562 1 7	2,265 11 1	1,406 17 8	:	12,571 19 3	42,760 2 0
16. Robinvale	817,783 4 4	:	32,699 9 6	0 4 4	123,871 9 6	:	817,783 4 4	32,699 9 6	10,504 14 10	:	113,366 19 0	:
17. Rochester	1,212,178 2 6	6 3,408 12 1	10,285 13 0	133 15 7	35,162 16	:	1,215,586 14 7	10,285 13 0	18,893 3 0	:	1,552 18 6	35,162 16 6
18. Rodney	1,631,995 14 3	3,342 14 3	29,851 13 4	100 3 10	86,159 15	:	1,634,338 8 6	29,851 13 4	21,924 13 7	:	64,649 2 8	86,159 15 7
19. Shepparton	524,836 15 5	8 8 8 8 8 8	5,685 14 5	0 3 7	60,912	:	525,735 19 1	5,685 14 5	884 6 0	:	43,501 10 0	11
20. South Shepparton	123,432 18 3	309 12 3	937 7 3	:	2,735 16	:	123,742 10 6	937 7 3	359 15 10	:	8,024 6 3	2,735 16 9
21. Swan Hill	515,282 5 11	1,033 7 8	16,605 17 9	8 0 5	6,236 10	:	516,315 13 7	16,605 17 9	6,000 1 6	:	70,095 18 4	10
22. Third Lake	52,597 16 10	82 3 11	395 19 4	0 2 9	2,439 2	:	52,680 0 9	395 19 4	597 8 2	:	6,055 7 1	ទា
23. Tongala-Stanhope	977,709 10 1	2,562 12 6	6,653 15 10	32 15 3	73,622 18	:	980,272 2 7	6,653 15 10	9,044 5 1	:	82,166 16 6	73,622 18 2
24. Tragowel Plains	827,065 3 3	1,461 1 9	10,592 9 9	147 10 10	42,840 6	:	828,526 5 0	10,592 9 9	11,135 10 3	:	42,633 14 11	42,840 6 8
25. Werribee	344,155 16 9	1,491 5 10	3,063 14 0	24 13 6	(A) 15,475 10 3 (B) 35,856 14 6	:	345,647 2 7	3,063 14 0	4,039 8 8	:	31,841 19 4	15,475 10 3
	17,061,475 8 1	26,034 8 7	174,283 12 4	884 15 1	(A) 526,776 0 10	92,093 5 5	17,087,509 16 8	174,283 12 4	163,288 8 4	55,033 10 0	728,421 11 0	526,776 0 10
										<u> </u>		

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

_				l	Ι.)
2,479 7 4	30,297 7 11	47,614 2 7	65,026 4 5	145,417 2 3	672,193 3 1	
13,372 8 0	45,308 1 5	333,879 19 0	72,048 10 4	464,608 18 9	55,033 10 0 1,193,030 9 9	
:	:	:	:	:	55,033 10 0	5d.
683 5 11	6,938 18 3	4,654 7 5	2,968 19 5	15,245 11 0	178,533 19 4	£21,570,982 19s. 5d.
248 10 1	13,675 17 0	101,975 0 10	2,244 7 3	118,143 15 2	292,427 7 6	
40,860 1 6	279,589 16 5	1,641,459 13 11	130,345 1 3	2,092,254 13 1	19,179,764 9 9	
:	:	:	:	:	92,093 5 5	
{\\\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(b) 004 0 01 (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	(A) 339,534 11 8	2.244 7 3 53 8 9 $\{A \ 139,943 \ 16 \ 8\}$	54 19 10 118,143 15 2 114 0 4 {(A) 566,608 12 6} {(B) 58,548 19 2}	Grand Totals 19,153,675 1 4 26,089 8 5 292,427 7 6 998 15 5 {(A)1,093,384 13 4} {(B) 912,314 8 0}	
0 3 10	30 0 0	30 7 9	53 8 9	114 0 4	998 15 5	19s. 5d.
248 10 1	13,675 17 0	101,975 0 10	2,244 7 3	118,143 15 2	292,427 7 6	£21,570,982 19s. 5d.
:	54 19 10	:	:	54 19 10	26,089 8 5	
40,860 1 6	279,534 16 7	1,641,459 13 11	130,345 1 3	2,092,199 13 3	19,153,675 1 4	
26. Fish Point	27. Nyah	28, Red Cliffs-Merbein	29. Tresco	Totals	Grand Totals	

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1955.

									Ass	Assets.		
					Profit						Profit and	Profit and Loss Account.
1	a	Depreciation Reserve Account.	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account.		Works at Cost.		Depreciation Account.	Sundry Debtors.	Accumulated Surplus Credited to District	Loss since	Interest and Other Losses prior to
				(B) District Account.	ıt. Gain.					Account.	1938.	Borne by State. (Act No. 5017.)
		£ 8. d.	£ s. d.	કં પ્ર	d. £ s.	d.	». d.	£ 8. d.	£ s. d.	£ 8. d.	£ 8. d.	. s. d.
		-		URBAN DI	DIVISIONS.	-	-					_
		1,573 12 1	9 El 8	:	610 2	9 13,718 18 6	·	, 573 12 1	186 11 0	432 3 8	:	:
		1,098 3 9	0 13 0	:	1,124 0 11	3,244 19 10		6 8 860,1	68 3 5	1,056 10 9	:	:
		176 9 6	9 0 0	(B) 346 8	:	1.487 18	0 8	176 9 6	14 17 3	:	331 11 10	:
		1.232 2 7	2 9 6	(B) 1,813 16 11	:	37,969	× ×	1,282 2 7	600 6 10	:	1,215 19 7	:
		857 12 6	10 15 0	:	1,334 17	9 14.851	n: 20	857 12 6	215 19 11	1,129 12 10	;	:
		309 18 2	:	:	381 11 11	4.103	ж 61	309 18 2	6 6 3	375 5 8	:	:
		5,247 18 7	22 10 6	(B) 2.160 5	6 3,450 12	9 75,375 17	100	5.247 18 7	1.092 4 5	2,993 12 11	1,547 11 5	-

The Districts heromoder 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, and 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.)

01 00 # 11 000	3 1.657 12 1 113 1 4 1,953 15 4 160 19 2 3 8 8 8 16 7 25 4 5 12 4 8 853 15 2	353 4 872 8	3,521 15 9 385 0 7 2,437 16 11 3,104 12 1 408 19 7	8,769 14 4 1,477 5 0 5,431 9 10 4,652 3 6 408 19 7	£154,007 6s, 6d.
231 15	1,859 11 9 41,062 3 8 4,212 15 0	1,334 7 2 9,191 3 9	57,891 16 10	133,267 14 3	
27.	2.027 6 4	439 3 9	2,493 13 8	5,944 6 5	
110 0 11	$\begin{bmatrix} 517 & 2 & 4 \\ 152 & 13 & 10 \\ 160 & 19 & 2 \\ 389 & 9 & 9 \\ \end{bmatrix}$	2.336 3 8 $30.16 2$ $108 4 10$	3,618 0 81 183 10 0	3,618 0 8 2,343 15 6	
(A)	(E) (E) (E)	(£)	(B)	(A) (B)	
: :	39 10 4 1 14 6	: :	41 4 10	63 15 4	s. 6d.
	240 2 6 1,557 12 1 363 16 7	353 4 9 872 8 4	3,521 15 9	8,769 1.4 4	£154,007 6s. 6d.
: :	.: 23 19 8	21 4 4	45 4 0	599 7 9	
231 15 6	1,859 11 9 41,062 3 8 4,188 15 4	1,334 7 2 9,169 19 5	(A) 57,846 12 10	$\begin{array}{c} 127,849 \ 15 \ 7 \\ 4,818 \ 10 \ 11 \end{array}$	
€ € 	3 3 3	€ €		(A) (B)	
: :	: : :	: :	:	:	
	8. Dingee9. Heyfield10. Leitchville	 Murrabit Stanhope 	Totals	Grand Totals	

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1955.

			Liabilities.	ities.					i i	Assets.	£8.		
							Profit					Profit and I	Profit and Loss Account.
District.	Capital Borne by— (A) State.	Redemption Account.	Depreciation Reserve Account	Sundry Creditors.	Accumulated Deficiency Chargeable to — (A) State Account.	nlated ency le to — Account.	and Loss Account.	Works at Cost.	Depreciation Acount.	Sundry Debtors.	Accumulated Surplus Credited to District	Loss since	Interest and Other Losses prior to
,	(B) District.				(B) District Account.	Account.	Gain.	,			Account.	1938.	Borne by State. (Act No. 5017).
	જ બ	d. £ 8. d.	£ 8. d.	£ 8. d.	બ	s. d.	£ s. d.	£ 8. d.	. 8. e.	£ 8. d.	£ s. d.	£ 8. d.	£ 8. d.
	-	-		M	WATERWORKS DISTRICTS	RKS DE	STRICTS.				-		
1. Bellarine Peninsula		3,588 15 1	3,588 15 1 Dr.19,836 4 4) 0 0 0I	(¥)	1 8 6 22.6.6	:	513,985 10 8	8 Cr. 19,836 4 4	2,099 15 7	:	61,378 9 3	9,927 9 8
2. East Loddon	. (A) 2,287 14	1 3,281 9 1	62 0 0	1 7 2		00 14 10)	1,509 4 3	5,569 3 2	62 0 0	562 16 6	947 14 11	:	:
3. Loddon	(A) 3,215 16	5 4,320 17 6	19 0 0	1 8 10	(B) 2,751	0 0 19	:	7,536 13 11	19 0 0	57 7 t	:	2,695 1 6	:
4. Mornington Peninsula	(A) 63,541 9	0 3,538 17 11	14,822 4 9	11 4 9	(A) 1,0	1,077 12 3	53,005 5 0	311,604 8 0	14,822 4 9	5.326 0 0	48,314 12 8	:	1,077 12 3
5. Newstead	4,636 6	:	:	:	:		376 10 0	4,636 6 10		:	376 10 0	:	:
6. Normanville	(A) 52,295 4	3 222 1 11	1,516 16 9	6 12 2	(B) 8,7	8,741 17 1	:	52,517 6 2	1,516 16 9	178 16 11	;	8,569 12 4	:
7. Otway	(A) 149,363 6 1	11) 4,044 16 11	37,109 18 1	† 8 O	:		4,542 1 4	242,233 10 10	37,109 18 1	1,147 13 11	3,394 15 9	:	:
8. Werribee	12,521	9 82 12 10	:	23 4 7	(A) 2,2	2,221 10 10	274 1 6	12,604 4 7		77 9 4	219 16 9	:	2,221 10 10
9. Western Wimmera	(A) 1,068,349 15	2 177 10 2	9,223 19 0	34 7 6	(A) 13,428	128 5 1	:	1,068,527 5 4	9,223 19 0	2,996 0 4	:	76,230 12 4	13,428 5 1
10. West Loddon	(4) 9,638 2 1	10 3,764 7 3	145 0 0	0 10 6		20	:	13,402 10 1	145 0 0	166 4 6	:	4,167 8 7	:
11. Wimmera United	(A) 600,992 0	2 965 12 11	81 0 2	48 13 1	:		6,802 6 10	601,957 13 1	81 0 2	232 15 2	6.618 4 9	:	:
12. Wychitella	(A) 193,225 6	:	:	65 11 4	(B) 24,305	305 1 7	:	193,225 6 4	:	49 16 2	:	24,320 16 9	:
Totals	(A) 2,588,977 15 417,157 15	2 23,987 1 7	43,143 14 5	206 % 3	(A) 26,6 (B) 181,0	26,654 17 10 181,090 1 3	66.509 8 11 8	3,027,799 19 0	+3,143 14 5	12,894 15 9	59,871 14 10	177,362 0 9	26,654 17 10

	-			20	0	
Jouncil, dated	31,849 2 0 23,844 1 4	:	41,264 17 1	831 10 5	173,605 0 10 22,303 5 10	793,181 14 11 201,206 16 0
Orders in C	840 2 0	2,523 2 7	142,691 12 11	2,291 8 8	605 0 10	181 14 11
hority of	31,8		142,6	ei,	173,6	793,1
ing continu (By aut	:	:	:	:	:	:
es are ne	198 9 6	2 0 22	489 12 3	163 15 4	17 8	6.744 14 3
ser suppli State A		2.2	489		1,195 17	
nere war to the	189 0 0 3	3,290 19 7	52 0 0	40 0 0	774 3 11	3 14 9
n, and w hargeable		3,290	22			34,40
nt thereo	221,323 19 8	33,168 15 0	605,592 7 10	4,104 0 9	357,414 11 7	726,891 7 4 34,403 14 9
пападете пе Ехрег	221,32	33,16	605,59	4,10	357,41	726,89
the "Reven	:	:	:	:	:	:
ne mallit erred to . 4513.)	1 8 ō		20 2	 	245	2000
xpense or been transl t 1937, No		2,600 3 2	171,236	3,195 1	167,806 7 4	980,124
er ene e sts has Vater Ac	(((()))	(Y)	(A)	<u> </u>	(F)	
revenue to cov of these distric of Section 6, H		:	30 12 2	7 18 1	8 6 2 (A) 1	24 1 0
produce sunctent and management at the provisions	382 17 0 189 0 0	103 4 3 3,290 19 7	52 0 0	40 0 0	774 3 11	34,403 14 9
se works will not the maintenance ember, 1952, unde		103 4 3	:	:	:	:
1.1. The annual aroun ferbinger are flower whose whose will not promote the content and management of these districts has been transferred to the "Revenue Expenditure Chargeable to the State Account". (By authority of Orders in Conneil, dated 30th June, 1938, 21st October, 1941, and 25th November, 1952, under the provisions of Section 6, Water Act 1937, No. 4513.)	((A) 220,941 2 8 [(A) 33,065 10 9	(A) 605,592 7 10	16. Kerang-North-West Lakes (A) 4,104 0 9	(A) 357,414 11 7	(A) 726,891 7 4
r nereun unt of Ic ober, 194	(A)	(A)	(¥)	(¥)	(A)	(A)
crs set ou nnal amo 21st Oct	:	:	:	est Lakes		:
The an. e, 1938,	:	: ush	20	North-W	kes	:
Council. 30th Jun	13. Birchip	14. Hindmarsh	15. Karkarooc	16. Kerang-	17. Long Lakes	18. Millewa

NOTR, -- Waterworks Districts Balance-sheets continued on next page.

Interest and Other Losses prior to 30th June, 1938, Borne by State. (Act No. 5017.) 30,284 3 2 80,494 5 0 52,263 5 5 52 0 155,064 4 7 37,048 16 5 10 4 677,688 8 2 8,197 6 11 Profit and Loss Account. 651,033 410,436 1 4 83,709 8 1 219,200 12 11 147,208 19 6 207,809 1 1 0 292,114 18 10 3,815 8 1 19,274 11 4 2,749,447 11 11 Loss since 30th June, 1938. 2,151 12 10,222 16 5 2,572,085 11 £ s. d. 61,077 10 3 Accumulated Surplus Credited to District Account. 1,205 15 1,20515£11,828,632 13s. 7d. Assets. 235 1 6 763 18 11 398 17 9 s. d. 01 41 11 10 169 13 9 2,465 7 2 2,621 8 3 561 12 1 427 17 7 1,774 7 11 33,097 8 1 20,202 12 4,199 14 2 0 656 10 7 9 81 961 œ 1,934 4 6 637 0 8 5 s. d. 169 1 2 0 0 Cr. 1,112 2 7 0 681 19 AT 30rH JUNE, 1955. 45,833 88,976 36,486 9 8 8,218,344 15 6 510,674 14 6 218,988 8 9 480,980 3 11 326,614 3 10 168,084 6 0 386,146 18 10 16 257,836 10 Works at Cost. 533,585 5,190,544 8 11 Profit and Loss Account. Gain. 66,509 DISTRICT BALANCE-SHEETS AS WATERWORKS DISTRICTS-388.051 6 2 76.331 10 10 76.331 10 10 28.238 19 10 12.282 9 1 10.336 17 0 13.369 10 10 33.369 12 0 33.569 10 7 15.805 16 7 10.013 19 9 10.013 19 2 10.013 19 10 $\begin{array}{c}
15,196 & 17 & 1 \\
4,359 & 16 & 0 \\
11,104 & 15 & 2
\end{array}$ $\frac{1}{1} \frac{0}{10}$ $\frac{1}{6}$ \$ Accumulated
Deficiency
Chargeable to—
(A) State Account.
(B) District Account. $\begin{cases} (A) & 3,023,796 & 8\\ (B) & 220,433 & 10 \end{cases}$ 9 27 73,151 4,504(A) 3,050,451 (B) 401,523 6 6 1 (A) 3 (B) 1 18 3 10 503297£11,828,632 13s. Liabilities. 169 1 2 s. d. 4,199 14 2 189 0 0 656 10 7 934 4 6 196 18 6 637 0 8 88,976 19 8 Depreciation Reserve Account. ū 21345,833 **4**} 0 9 4 .c s. d. Redemption Account. 26,651 2,664د کے 533,585 3 8 510,674 14 6 218,988 8 9 256,833 2 10 480,980 3 11 326,614 3 10 168,084 6 0 15 (A) 5,187,880 12 Capital
Borne by—
(A) State.
(B) District. 7,776,858 (¥) (A) (A) (A) (B) (**A**) (A) 25. Upper Western Wimmera 26. Upper Wimmera United Grand Totals 22. Tyntynder North 24. Tyrrell West ... 28. Wycheproof ... District. 27. Walpeup West Potals 21. Tyntynder 23. Tyrrell 19. Ouyen

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1955.

				Liabilities	ties.					Ass	Assets.		
				,		-	Profit					Profit and I	Loss Account.
District.		Capital Borne by— (A) State. (B) District.	Redemption Account.	Depreciation Reserve	Sundry Creditors.	Accumulated Deficiency (thargeable to— (A) State Account.	and Loss Account.	Works at Cost.	Depreciation Account.	Sundry Debtors.	Accumulated Surplus Credited to District	Loss since 30th June.	Interest and Other Losses prior to 30th June, 1938,
						(B) District Account.	Gain.				Account.	1938.	Borne by State. (Act No. 5017).
		£ 8. d.	£ 8. d.	£ 8. d.	£ 8, d.	£ 8. d.	£ 8. d.	. £ s. d.	79 · 8	£ 8. d.	£ 8. d.	£ s. d.	. 8. a.
				-		URBAN DIST	DISTRICTS.	_	-				
1. Allansford	(A)	18	35 7 6	315 15 2	7 10 4		11	3 3,377 9 10	315 15 2	42 15 10	167 13 8	:	:
2. Antwerp	€€€ :	452 17 8	18 19 8	53 17 8	:	:	63 16 8	8 722 17 8	53 17 8	31 9 2	33 1 0	:	:
3. Barwon Heads and Ocean		292	493 12 2	Dr. 2,730 8 8	14 17 7	:	5,566 10	2 78,876 0 8	Cr. 2,730 8 8	2,113 4 11	3,468 2 10	:	:
4. Berriwillock	€€€ :	7,940 15 7	25 6 5	112 10 1	7 15 2	(A) 216 18 8}	:	7,968 18 11	112 10 1	6 61 18	:	468 12 6	216 18 8
5. Berwick	(F)	18,008 8 2	304 19 0	5,074 6 9	1 8 4		2,375 9	9 42,749 4 0	5,074 6 9	360 5 6	2,020 9 0	:	:
6. Birregurfa	(<u>¥</u>	5 T.	:	723 1 6	6 7 4	(B) 343 2 10	:	35,558 7 8	723 1 6	137 3 7	:	212 6 7	:
7. Brim	(A)	9,140 2 4	49 5 10	21 12 3	1 15 9	(B) 660 13 10	:	9,512 10 9	21 12 3	79 13 9	:	592 1 9	:
8. Camperdown	€ •	16 1	2,551 8 6	12,185 10 2	8 13 9	:	751 0 10	0 106,077 8 3	12,185 10 2	672 1 10	87 12 9	:	:
9. Chelsea-Frankston	(E)		7,991 11 6	28,805 10 11	81 2 1	(A) 9,188 12 3	30,062 8	6 1,116,015 5 1	28,805 10 11	7,158 2 2	24,723 19 5	:	9,188 12 3
10. Cobden	€€ 	195	622 15 1	2,947 12 2	14 5 0	(B) 455 9 1	:	29,713 19 1	2,947 12 2	359 14 5	:	8 61 601	:
11. Cranbourne	(F)	112	90 7 3	658 0 7	:	(A) 538 9 1	1,408 16	9 14,851 15 1	658 0 7	105 6 7	1,314 8 8	;	538 9 1
12. Culgoa	: :		120 4 1	96 5 0	12 11 1	(B) 375 4 7	:	4,683 0 7	0 9 96	109 0 9	:	278 14 11	:
13. Dandenong-Springvale	: :	12.	9,477 1 9	32,736 1 2	29 0 0	(A) 3,601 18 7	57,049 4 8	8 924,667 16 10	32,736 1 2	8,531 8 3	51,086 17 11	:	3,601 18 7
14. Dimboola	:	. 9 1	572 0 0	1,410 6 5	3 12 8	:	2,208 18	1 20,718 3 4	1,410 6 5	1,407 18 10	804 11 11	;	:
15. Dromana-Portsea	:	155,177 18 4	2,284 2 2	30,374 15 3	57 13 10	:	45,854 16	2 439,773 12 5	30,374 15 3	4,245 2 8	41,667 7 4	:	:
16. Garvec	(¥) :	+	:	:	:	:	:	51 4 8	;	:	:	:	:
17. Jeparit	. (A)	6 C	361 1 6	493 8 3	0 10 0	(B) 153 # 10	201 9	6 14,139 11 2	493 8 3	335 4 4	:	:	:
18. Longwarry	(F)	6,838 13 3	487 9 6	2,611 8 0	:	:	3,310 3	5 22,979 6 7	2,611 8 0	1,235 4 10	2,153 16 5	:	:
19. Marnoo	€ €	+∞-	99 8 5	1,129 19 0	:	:	321 17 10	0 4,260 5 8	1,129 19 0	78 5 9	256 19 3	:	:
20. Merbein	:	24,685 12 4	375 5 0	1,678 2 10	6 0 10	(A) 510 10 1	.:	29,025 15 0	1,678 2 10	8 0 069	:	1,120 7 2	510 10 1
21. Minyip	:	9	253 14 7	196 13 8	10 9 5	. +00,1	724 2	5 11,277 1 9	196 13 8	55 3 4	9 8 629	:	:
22. Mornington	€€ 	137,710 8 10	2,938 2 4	8,903 14 1	64 0 9	:	15,992 3 11	1 300,106 0 6	8,903 14 1	2,871 19 10	13,184 4 10	:	:,
23. Nar-nar-goon and Tynong)	ာတ	:	:	:	:	:	140 9 1	:	:	:	:	:
24. Natimuk	(A)	1,061 16 3	7 61 781	1,022 19 1	13 6 0	(B) 562 19 4	:	5,205 3 0	1,022 19 1	187 5 2	:	491 12 0	:
25. Officer	:	2	:	:	:	:	:	:	:	:	;	:	:
26. Pakenham	: {(A)	7,769 9 97,7	606 2 3	4,294 13 3	1 13 0	:	7,150 19	2 33,651 17 8	4,294 13 3	2 688	6,263 4 7	:	:
27. Pimpinio	· ·	•	;	:	:	:	6 15	:	:	1 6 4	5 8 11	:	:
28. Pyramid Hill	: (A)	5,667 7 37	125 4 4	1,066 1 4	3 0 0	:	1,143 4 8	9 9,904 14 3	1,066 1 4	62 6 4	1,083 18 5	:	:
		1			Nove.—Urban	Nove.—Urban District Balance-sheets continued on next page.	ts continued on	next page.					

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1955.

	Profit and Loss Account.	Interest and Other Losses prior to	30th June, 1938, Borne by State. (Act No. 5017.)	£ 8. d.		:	:	:	:	:	:	140 17 2	14,197 5 10
	Profit and L	Loss since	30th June 1938.	£ 8. d.	•	5,763 12 5	:	:	:	:	84 8 0	1,485 11 9	10,607 6 9
Assets.		Accumulated Surplus Credited to District	Account.	£ 8. d.	•	:	4,019 2 9	611 8 6	534 5 4	9,453 4 11	:	:	163,619 6 11
Ass		Sundry Debtors.		£ s. d.		2,880 4 10	302 4 7	123 11 6	258 13 8	806 4 11	265 17 8	79 8 8	36,557 18 0
		Depreciation Account.		£ s. d.		5,035 12 9	1,767 0 9	877 12 3	1,413 5 9	4,771 19 7	9,691 2 8	501 16 9	158,240 6 5
	-	Works at Cost,		£ s. d.		152,671 9 0	12,034 18 6	11,168 6 5	10,919 7 1	118,819 16 5	63,401 5 7	5,154 1 11	5 3,640,177 4 5
	Profit	and Loss Account.	Gain.	£ s. d.	continued.	:	4,308 12 2	727 8 0	792 9 0	10,242 3 2	:	:	190,463 7 5
		Accumulated Deficiency Chargeable to— (A) State Account.	(B) District Account.	. s. d.	Urban Districts—continued.	(B) 8,630 2 8	:	:	:	:	(B) 163 8 7	$ \left\{ \begin{pmatrix} A \\ (B) \end{pmatrix} \right. \begin{array}{cccc} 140 & 17 & 2 \\ 1,562 & 17 & 11 \end{pmatrix} $	$\begin{pmatrix} (A) & 14,197 & 5 & 10 \\ (B) & 15,234 & 7 & 9 \end{pmatrix}$
ties.		Sundry Creditors.		£ 8. d.	Uı	13 14 7	12 15 3	7 12 0	0 10 0	17 6 8	37 15 9	9 11 0	435 9 7
Liabilities.		Depreciation Reserve Account.		£ 8. d.		5,035 12 9	1,767 0 9	877 12 3	1,413 5 9	4,771 19 7	9,691 2 8	501 16 9	158,240 6 5
		Redemption Account.		£ s. d.		974 11 6	392 13 10	259 19 11	236 7 11	1,453 10 2	1,432 0 4	39 13 5	34,860 5 6
	-	Capital Borne by— (A) State.	(b) District.	£ 8. d.		(A) 135,818 8 4 1	91 9		2,828.16	57,943 3	(A) 32,688 7 11 { (B) 99,429 18 8		$\left\{ \begin{pmatrix} A & 1,447,164 & 5 & 7 \\ (B) & 2,162,804 & 0 & 3 \end{pmatrix} \right\}$
		District.				29. Queenscliff and Point	30. Rainbow	31. Rapanyup	32. Somerville	33. South Frankston	34. Terang	35. Watchem	Totals

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of the maintenance and management of these districts has been transferred to the "Revenue Expenditure (hargenble 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).

1,638 15 9	96 18 2	873 6 5	:	474 1 9	:	218 18 1	157 15 3	130 4 9	326 16 1	381 5 7	448 13 9	580 2 10	540 2 11	408 17 3
:	384 7 2	3,695 0 3	965 13 8	:	:	68 14 0	1,228 0 2	9 14 5	:	:	:	:	2,337 4 9	3,745 11 6
1,535 17 5	219 2 1	:	201 0 1	2,370 3 8	:	:	:	:	75 8 11	1,643 1 6	289 18 4	213 10 5	:	:
551 0 5	176 6 5	381 6 4	667 8 2	214 18 5	1,019 12 8	1,026 17 6	114 10 5	0 3 9	783 13 1	125 13 5	280 7 8	218 4 7	111 13 6	533 17 1
2,495 8 10	805 14 5	305 16 6	818 14 10	2,879 18 9	193 10 1	81 8 8	213 10 6	257 11 9	1,762 1 0	1,946 8 8	1,306 14 5	827 9 9	933 10 4	620 1 7
16,935 12 0	7,731 10 10	16,791 2 9	26,220 14 6	12,920 1 5	635 19 0	2,490 15 8	2,828 14 10	698 7 5	26,041 7 10	8,108 1 11	24,364 1 9	12,831 4 5	4,613 11 8	7,001 11 2
614 19 9	:	:	:	2,585 2 1	336 18 3	:	:	:	738 9 7	1,518 4 10	44 10 5	171 0 3	:	:
3,110 10 4	870 16 11	4.380 19 8	1,833 11 6	474 1 9	381 9 3	632 5 1	1,431 18 10	138 7 0	440 6 6	602 8 1	972 14 8	840 5 2	2,962 18 2	$\{4,491 \ 2 \ 11 \ 195 \ 2 \ 9\}$
6 (A)	(A)	0 (A)	(¥)	(A)	(A)	€€ •	(A)	<u>(</u>	0 (A)	(A)	8 (A)	(A)	5	<u>(</u> €€
0 3	5 16 11	∞	0 10	:	:	:	:	:	21	:	1 14 8	0 12 5	6 2 0	0 0
2,495 8 10	805 14 5	305 16 6	818 14 10	2.879 18 9	193 10 1	81 8 8	213 10 6	257 11 9	1,762 1 0	1,946 8 8	1,306 14 5	827 9 9	933 10 4	620 1 7
ان 4	10 5 8	19 19 3	157 17 3	56 18 11	:	8 14 5	:	en 61	8 16 6	49 9 1	12 3 0	30 11 9	:	:
	7,718 12 0		5,	10.136	19	2,482 1 3	2,828 14 10	0 0 869	00	122	24,345 15 11	1000	4,611 19 2	11
(A)		(<u>F</u>	(A)	(E)	(F)	(A)	(A)	(B)	(A)	(A)	E	(F)	(A)	(A)
:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
:	:	:	rib Poin	:	:	ah	:	:	:	:	:	:	:	:
36. Anglesea	37. Beulah	38. Birchip	39, Bittern-Crib Point	40. Bunyip	41, Carwarp	42. Chillingollah	43. Chinkapook	44. Dooen	45. Drysdale	46. Garfield	47. Hastings	48. Hopetonn	49. Jung Jung	50. Koondrook

558 14 5	43 8 7	411 15 11	:	:	:	:	:	:	48 2 10	:	:	:	:	1,724 12 7	:	:	:	:	1,755 7 7	:	498 8 2	:	284 19 8	:	805 1 5	:	:	:	12,406 9 9	26,603 15 7	
4,.93 2 6	1,526 19 5	661 3 6	2,094 12 4	1,440 16 4	2,230 1 4	756 7 3	6,595 16 8	301 0 7	7 61 141	:	8 #1 97	220 17 4	1,145 0 11	3,859 17 6	343 18 9	900 13 2	9 + 866	535 12 0	:	2,342 15 7	351 0 1	1,084 15 10	1,767 5 7	1,437 15 1	68 12 10	184 2 2	754 6 8	777 11 11	50,194 9 7	60,801 16 4	
:	:	:	:	:	:	:	:	:	:	624 4 1	63 12 10	:	62 19 6	:	:	:	:	:	1.220 0 10	:	:	:	:	1,187 18 9	:	:	380 0 7	:	10,086 19 0	173,706 5 11	13s. 8d.
274 16 2	58 6 11	149 3 2	11 71 112	580 16 10	54 19 2	86 17 4	94 5 3	68 14 7	131 12 1	286 4 3	976 17 5	483 8 9	350 5 1	948 6 5	60 15 3	8 91 17 8	6 9 26	1 2 621	1,037 11 3	421 6 1	1,329 0 11	76 2 3	808 12 2	2,159 18 7	301 15 4	174 7 1	575 4 11	x x	18,633 16 6	55.191 14 6	£4,663,688 13s.
8 9 727	630 6 1	179 19 4	112 0 1	109 4 9	483 12 5	102 2 9	1,139 0 3	118 16 3	476 15 9	2,548 4 2	Cr. 496 3 5	228 3 10	7 6 022	4.156 18 11	718 12 8	t tl 629	7 1 291	118 3 1	2,252 13 5	173 5 2	£ 21 80‡	197 19 5	550 16 5	8,211 0 8	583 4 0	424 11 8	2.061 17 6	218 16 4	42,946 6 11	201,186 13 4	
6,915 11 4	5,133 1 9	4,510 6 7	9,652 6 3	4,390 14 6	5,393 13 6	2,355 13 8	7,932 5 4	3,824 10 8	7 61 868,1	7,276 3 11	23,579 12 2	4,358 5 6	8,141 9 11	39,439 4 4	5,067 5 0	9 6 289.0	2,913 4 8	2.655 2 1	35,590 18 11	11,274 9 5	2.520 14 4	2,588 5 4	9,227 7 5	78,615 19 10	9,286 3 11	7,145 17 6	22,600 1 10	2,338	506,021 3 7	4,146,198 8 0	
:	:	:	:	:	:	:	:	:	:	895 0 6	:	:	:	:	:	:	:	:	2,250 13 6	:	:	:	:	:	:	:	:	:	9,154 19 2	199,618 6 7	
5,218 13 9	1,344 18 1	1,213 13 11	2,271 12 3	215	2,284 19 6	4,	6,565 0 3	C +	229 16 9	7	1,478 15 8	690 14 4	1,558 5 6	6,503 3 87		1,285 8 8	≘ -	682 3 10	٦. د	<u> </u>	1,555 3 3	ာ∞	2,710 6 97	3 **	8 61 171,1	136 8 11	-1-	634 1 6 $151 18 5$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\{01,391,13,7\}$ $\{19,673,8,10\}$	
(A)	A		(F)	(A)	(A)	(F) }	9 E E	(F)	(((((((((<u></u> (((())))	(a)	(¥)	(A)	(?)	(A)	(F)	(3)	(A)	1	(F)	(A)	(F)	(F)	(A)	(A)	(¥)	(F) (A)	(F)	(A) (B)	(A) (B)	((A) (B)	
1 1 11	0 17 0	0 8 0	0 9 0	2 5 0	0 1 0	3 16 0	4 0 0	9 0 0	9 0 0	:	7 9 3	13 11 9	:	3 4 6	4 5 1	1 18 4	2 13 4	0 1 6	6 18 7	9 0 0	:	9 0 0	:	9 + 6 3	3 8 11	ι· α ο	6 + 0	:	179 17 10	615 7 5	3s. 8d.
727 6 8	630 6 1	179 19 4	112 0 1	109 4 9	483 12 5	102 2 9	1,139 0 3	118 16 3	6 21 92+	2,548 4 2	Dr. 496 3 5	228 3 10	220 5 7	4,156 18 11	718 12 8	679 14 4	167 1 7	118 3 -	2,252 13 5	173 5 2	403 17 2	197 19 5	550 16 5	8,211 0 8	583 4 0	424 11 8	2,061 17 6	218 16 4	12,946 6 11	201,186 13 4	£4,663,688 13s.
2 9 11	37 5 7	5 18 7	128 14 9	0 0 1	2,982 17 4	;	142 11 8	44 16 4	2 8 10	15 16 8	89 4 2	0 1 4	:	2 19 0	19 18 1	165 17 3	;	0 9 5	44 6 4	0 0 5	:	6 16 1	3 3 6	632 10 7	37 7 10	40 0 3	16 12 0	3 16 8	2 x x 27,4	39.638 13 11	
$\{820 \ 0 \ 1\}$			7,922 17 3				6,110 5 10 5	<u> </u>	1,391 10 9		01	4,356 11 8				10,		2,637 8 1	ବ ବା ପ		<u>+</u>		9,222 11 5			-	90	$2,330 \ 16 \ 8$ $3 \ 14 \ 4$	422,315 6 10 79,280 17 4	$\left\{ \begin{array}{l} \text{(A) 1,869,479 12 5} \\ \text{(B) 2,242,084 17 7} \end{array} \right\}$	
(A)	E	936	(A)		ٽر	(F)		939		(A)	E EE	(F)	(A)	(A)	(F)	(F)	(F)		(F)	(E)	(E)	(Y)	3		(F)	<u> </u>	(E)	(A) (B)	(B)]
51. Lake Boga	52. Lalbert	53, Lascelles	54. Manangatang	55. Meringur	56. Mitiamo	57. Nandaly	58. Newstead	59. Nullawil	60. Nyah	61. Nyah West	62. Ouyen	63. Patchewollock	64. Piangil	65. Portarlington	66. Quambatook	67. Sea Lake	baed	69. Tempy	70. Torquay	71. Ultima	72. Waitchie	73. Walpeup	74. Werrimull	75. Wonthaggi	76. Woomelang	77. Woorinen	78. Wycheproof	79. Yanpeet	Totals	Grand Totals	

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1955.

193	Profit and Loss Account.		30¢)	s. d. £ s. d.		18 6 3,303 19 2	:	:	9 4 7,949 1 8	7 10 11,253 0 10		
	Profi	-	30th June, 1938.	બ		16,701 18	:	:	43,344	60,046 7 10		
		Accumulated Surplus Credited to	Account.	.b .8 3.		:	1,109 5 10	3,112 18 6	:	4,222 4 4	s. 5d.	
Assets.		Sundry Debtors.		£ 8. d.		8,785 16 0	10 1 1	50 4 11	799 8 6	9,645 10 6	£672,805 10s. 5d.	
		Depreciation Account.		£ 8. d.		:	:	:	:	:		
		Works at Cost.			s. d.	TS.	118,132 7 6	3,952 16 0	18,626 4 7	446,926 18 10	587,638 6 11	
		Profit and Loss Account.	Gain.	. છે. લે	N DISTRICTS.	:	1,119 6 11	3,163 3 5	:	4,282 10 4		
		Accumulated Deficiency Chargeable to (A) State Account.	(B) District Account.		FLOOD PROTECTION	(A) 3,303 19 2		:	$ \begin{cases} (A) & 7,949 & 1 & 8 \\ (B) & 44,136 & 3 & 0 \end{cases} $	(A) 11,253 0 10 (B) 69,616 18 1		
ties.		Sundry Creditors.		s. a.	FLO(6 19 5	:	:	7 14 10	14 14 3	. 5d.	
Liabilities.		Depreciation Reserve	Account.	£ 8. d.		:	:	:	:	:	£672,805 10s. 5d.	
		Redemption Account.		£ 8. d.		:	64 4 2	:	:	64 4 2		
		Capital borne by State.		£ 8. d.		118,132 7 6	3,888 11 10	18,626 4 7	446,926 18 10	587,574 2 9		
	÷	District.				1. Cardinia	2. Kanyapella	3. Loch Garry	4. Lower Koo-wee-rup	Totals		

DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1955.

				Liabilities.						Assets.	ets.		
	-											Profit and 1	Profit and Loss Account.
District.		Capital Borne by State.	Depreciation Reserve Account.	Sundry Creditors.	Aect De Charg (A) Sta	Accumulated Deficiency Chargeable to— (A) State Account.	Profit and Loss Account.	Works at Cost.	Depreciation Account	Sundry Debtors.	Accumulated Surplus Credited to District	Loss since	Interest and Other Losses prior to 30th Lune 1038
					(B)	(B) District Account.	Gain.				Aecount.	30th June, 1938.	Borne by State. (Act No. 5017.)
		£ 8, d.	£ 8. d.	£ 8. ď.		£ 8. d.	£ 8. d.	£ s. d.	£ 8. d.	£ s. d.	£ 8. d.	£ 3. d.	£ \$. d.
					-	DRAINAG	DRAINAGE DISTRICT.	T.					
1. Санив	:	42,634 1 11	:	10 0 6	<u>e</u>	8,882 9 10	:	42,634 1 11	:	1,107 17 9	:	7,284 12 7	:
Totals	:	42,634 1 11	:	10 0 6	<u> </u>	8,382 9 10	:	. 42,634 1 11	:	1.107 17 9	:	7,284 12 7	:
				£\$1,026 128, 3d,	3d.					£61,02	£51.026 12s. 3d.		

SUMMARY OF DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1955.

			Liabilities.	ties.					Assets.	ets.		
							•				Profit and L	Profit and Loss Account.
District.	Capital borne by— (A) State. (R) District	Redemption Account.	Depreciation Reserve	Sundry Creditors.	Accumulated Deficiency Chargeable to— (A) State Account.	Profit and Loss Account.	Works at Cost.	Depreciation Account,	Sundry Debtors.	Accumulated Surplus Credited to	Loss since	Interest and Other Losses prior to
					(B) District Account.	Gain.				Account.	30th June, 1938.	30th June, 1938, Berne by State. (Act No. 5017.)
	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	. s. d.	£ 8. G	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. d.	£ 8. £
Plant Workshops	(A) 229,212 9 8}	352 1 4	10,087 2 3	;	(B) 43,479 10 9	461 13 0	247,211 2 4	10,087 2 3	11,909 17 3	461 13 0	31,569 13 6	:
Coliban System Irrigation Districts—		13,855 14 7	21,412 16 2	249 6 4	$\left\{ \begin{matrix} (A)1,132,617 & 19 & 1 \\ (B) & 14,912 & 7 & 7 \end{matrix} \right\}$	15 0 9	2,662,379 9 8	21.412.16.2	19,165 5 11	10 17 3	313,850 5 9	828,373 18 10
Pumping	(A) 2,869,122 16 1	54 19 10	150,594 14 7	114 0 10	(A) 550,728 0 11 }	:	2,869,177 15 11	150,594 14 7	25,066 19 11	:	564,603 9 9	142,937 14 11
Gravitation	(A)16,284,552 5 3	26,034 8 7	141,832 12 11	884 14 7	542,656 12	92,093 5 5	16,310,586 13 10	141,832 12 11	153,466 19 5	55,033 10 0	628,427 0 0	529,255 8 2
Irrigation Urban Divisions	(A) 127,849 15 7	599 7 9	8,769 14 4	63 15 4	(A) 3,618 0 8 (B) 4,343 15 8	5,944 6 5	133,267 14 3	8,769 14 4	1,477 5 0	5,431 9 10	4,652 3 6	408 19 7
Waterworks Districts	1-	26,651 6 0	88,976 19 8	503 18 3	999	66,509 8 11	8,218,344 15 6	88,976 19 8	33,097 8 1	61,077 10 3	2,749,447 11 11	677,688 8 2
Waterworks Urban Districts	221	39,638 13 11	201,186 13 4	615 7 5	122	199,618 6 7	4,146,198 8 0	201,186 13 4	55,191 14 6	173,706 5 11	60,801 16 4	26,603 15 7
Flood Protection Districts	(A) 587,574 2 9	64 4 2	:	14 14 3	(A) 11,253 0 10 (B) 6,616 18	4.282 10 4	587,638 6 11	:	9,645 10 6	4,222 + 4	60,046 7 10	11,253 0 10
Drainage Districts	(A) 42,634 1 11	:	:	10 0 6		:	42,634 1 11	:	1,107 17 9	:	7,284 12 7	:
Totals	$\left\{ \begin{pmatrix} A \\ 32,156,193 & 1 & 8 \\ (B) & 2,974,930 & 13 & 4 \end{pmatrix} \right\}$	107,250 16 2	622,860 13 3	2,455 17 6	$\left\{ \begin{matrix} (A)5,382,716&13&10\\ (B)1,472,246&10&7 \end{matrix} \right\}$	368,921 11 5	35,217,438 8 4	622,860 13 3	310,128 18 4	299,943 10 7	4,420,683 1 2	2,216,521 6 1
			£43,087,575 17s. 9d.	17s. 9d.					£43,087,575 17s. 9d.	7s. 9d.		

* Includes £8,010 Capitalized Repairs and Maintenance on Bridges—Cardinia.

† Exclusive of Diversions Branch.

2,676

158,638

8,711 3,038 11,749

343

16

1,027

က

34

25

207

47

31,270

163

3,523

214

22

36,926

11,406

1,025

177,898

89

1,287

367

3,567

1,894

33,011

7,563

51,106

1,195

14,570

304,978

BALANCE—Net Arrears as at 30th June, 1955

170,025

163,831

Mis-cellaneous.

6,194

1,178 9561,968 1,041 790 1,041 Sales of Water. 373,742341,143 178,182 519,832743178,925 507Sales. Statement of Revenue setting out Arrears as at 1st July, 1954, and as at 30th June, 1955. 82 86 95 $\frac{1}{2}$ 956 Interest. Flood Protection Charge. 24,239 1,306 1,59123,963 25,55415 1,321 652263380389Interest. 383 269Drainage Rate. 62,538 3,63662,66266,2983,704 3,77429 Rate. 2.1993,6241,684 Interest. 1,937 1,941 Irrigation Charge. 63,819 24,785657,788 682,573 618,25246264,281Charge. 502 10,545 7,723 7,7263,3342,821 7.211 Interest. General Rate. 50,218679,12953,570 54,629628,911 624,457 1,059Rate. Interest. 1,375 142 1.409 1,409176 1,551 Water Act 1940 (No. 4740), Sec. 3. Consolidated Arrears. 19,783 19,783 5,156 14,627 14,627 263,572 1,373,324 544,816 341,904 2,181,712 1,840,345 4,857 336,510 5,394 Total. Additional Water Sales, and Interest Charges to 30th June, 1955 ... : : : : Total—Gross Arrears at 30th June, 1955 Deduct—Amounts recommended for Writing off, 1954-55 : : (i) Revenue Collected, 1954-55 Total Amount Collectable, 1954-55 Arrears as at 1st July, 1954 Add-Amounts Overpaid (ii) Credits Absorbed Assessments 1954–55

Deduct-

This Statement is subject to Audit and minor adjustments.

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS AS AT 30TH JUNE, 1955.

District.	Balance at 1st July, 1954.	Amounts Paid into Account 1954-55.	Interest 1954-55.	Total.	Expenditure 1954–55.	Balance in Account at 30th June, 1955.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	\pounds s. d.	£ s. d.
	IRRIGAT	TION AND W.	ATER SUPPL	Y DISTRICTS.		
Bacchus Marsh Boort Calivil Campaspe Central Gippsland Cohuna Deakin Dingee. Fish Point Katandra Kerang Koondrook Maffra-Sale Murray Valley Mystic Park North Shepparton Nyah (I. and W.S.) Nyah (Drainage) Red Cliffs — Merbein (Drainage) Robinvale Rochester Rodney Shepparton Swan Hill (I. and W.S.) Swan Hill (I. and W.S.) Swan Hill (I. and W.S.) Third Lake Tongala-Stanhope Tragowel Plains Tresco Werribee	$\begin{array}{c} 875 & 0 & 2 \\ 3,767 & 6 & 11 \\ 892 & 3 & 6 \\ 415 & 4 & 2 \\ \\ 6,018 & 13 & 2 \\ 1,974 & 11 & 0 \\ 369 & 0 & 1 \\ 70 & 14 & 9 \\ 497 & 14 & 0 \\ 3,079 & 14 & 0 \\ 3,079 & 14 & 0 \\ 4,222 & 16 & 8 \\ 6,614 & 3 & 8 \\ 4,190 & 12 & 8 \\ 4,190 & 12 & 8 \\ 144 & 11 & 1 \\ 1,422 & 3 & 11 \\ 1,304 & 11 & 0 \\ 116,168 & 2 & 5 \\ \hline 27,039 & 8 & 8 \\ 30,748 & 3 & 7 \\ 5,876 & 14 & 8 \\ 21,434 & 3 & 3 \\ 3,823 & 4 & 10 \\ 675 & 15 & 10 \\ 10,421 & 18 & 10 \\ 3,518 & 10 & 1 \\ 261 & 8 & 7 \\ 4,741 & 2 & 10 \\ 6,274 & 4 & 2 \\ 1,431 & 11 & 5 \\ 2,688 & 9 & 9 \\ \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	21 17 6 94 3 8 22 6 1 10 7 7 145 12 10 49 7 3 9 4 6 1 15 4 12 8 10 76 19 11 105 11 5 165 7 1 104 15 4 3 12 3 35 11 1 262 14 6 32 12 3 1,565 12 5 590 2 2 658 2 8 146 18 4 535 17 1 94 6 2 16 11 5 247 17 10 87 19 3 6 10 9 118 10 7 156 17 1 35 15 10 67 4 3	$\begin{array}{c} 1.144 & 17 & 8 \\ 5,753 & 10 & 7 \\ 1,747 & 9 & 7 \\ 652 & 11 & 9 \\ 31 & 3 & 2 \\ 10,603 & 2 & 8 \\ 3,007 & 18 & 3 \\ 796 & 4 & 7 \\ 248 & 10 & 1 \\ 855 & 2 & 10 \\ 7,182 & 1 & 7 \\ 6,342 & 8 & 1 \\ 11,297 & 16 & 9 \\ 5,477 & 16 & 3 \\ 354 & 3 & 4 \\ 2,265 & 1 & 1 \\ 12,263 & 5 & 5 \\ 1,432 & 3 & 3 \\ 129,907 & 14 & 10 \\ 29,045 & 10 & 10 \\ 37,122 & 6 & 3 \\ 10,285 & 13 & 0 \\ 29,851 & 13 & 4 \\ 5,736 & 10 & 10 \\ 37,122 & 6 & 3 \\ 10,285 & 13 & 0 \\ 29,851 & 13 & 4 \\ 5,736 & 19 & 4 \\ 6,653 & 15 & 10 \\ 10,592 & 9 & 9 \\ 2,244 & 7 & 3 \\ 3,063 & 14 & 0 \\ \end{array}$	53,543 5 1 3,434 19 9 4,422 16 9 50 18 4 13 0 0	$\begin{array}{c} 1,144 \ 17 \ 8 \\ 5,753 \ 10 \ 7 \\ 1,747 \ 9 \ 7 \\ 652 \ 11 \ 9 \\ 31 \ 3 \ 2 \ 8 \\ 3,007 \ 18 \ 3 \\ 796 \ 4 \ 7 \\ 248 \ 10 \ 1 \\ 855 \ 2 \ 10 \\ 7,182 \ 1 \ 7 \\ 6,332 \ 8 \ 1 \\ 11,297 \ 16 \ 9 \\ 5,477 \ 16 \ 9 \\ 2,245 \ 11 \ 1 \\ 12,243 \ 13 \ 9 \\ 1,432 \ 3 \\ 3 \\ 76,364 \ 9 \ 9 \\ 25,610 \ 11 \ 1 \\ 32,699 \ 9 \ 6 \\ 10,285 \ 13 \ 0 \\ 29,851 \ 13 \ 4 \\ 5,685 \ 13 \ 13 \ 4 \\ 5,985 \ 13 \ 3 \\ 4,006 \ 9 \ 4 \\ 4,006 \ 9 \ 4 \\ 6,653 \ 15 \ 10 \\ 10,592 \ 9 \ 9 \\ 6,653 \ 15 \ 10 \\ 10,592 \ 9 \ 9 \\ 2,244 \ 7 \ 3 \\ 3,068 \ 14 \ 7 \\ 3,068 \ 14 \ 7 \\ 3,068 \ 14 \ 7 \\ 3,068 \ 14 \ 7 \\ 3,068 \ 14 \ 10 \\ 10 \ 10 \ 10 \ 10 \ 10 \\ 10 \ 10 \$
Totals	281,490 12 0	66,938 13 10	5,482 13 3	353,911 19 1	61,484 11 7	292,427 7 6

^{*} Direct Contributions to Depreciation Fund—Central Gippsland, £31 3s. 2d.; Cohuna, £48 16s. 8d.; Kerang, £86 6s. 3d.; Maffra-Sale, £47 6s.; Murray Valley, £404 8s. 3d.; North Shepparton, £17 16s. 1d.; Rodney, £190 13s.; Shepparton, £321 1s. 9d.; Swan Hill, £214 11s. 9d.; Tongala-Stanhope, £28 2s. 5d.; Tragowel Plains, £78 8s. 6d.

URBAN DIVISIONS OF IRRIGATION AND WATER SUPPLY DISTRICTS.

Cohuna Corop Dingee Heyfield	::	::	1,312 125 194 1,030	8 5 16	0 9 4 8	271 6 41 501	0 0 0 0	0 0 0 0	3 4 1 25 1		5 9 2 5	$\begin{array}{r} 1,614 & 15 \\ 134 & 11 \\ 240 & 2 \\ 1,557 & 12 \end{array}$	6 6 1	41 	3	4	1,573 134 240 1,557	$^{12}_{11}_{2}_{12}$	$\frac{1}{6}$
Leitchville			256		4	101	0	0	6	8	3	363 16	7				363	16	7
Lockington			980	13	5	93	0	0	24 1	.0 -	4	1,098 3	9				1.098	3	9
Macorna			126	6	4	47	-0	0	3	3	2	176 9	6				176	9	6
Murrabit			622	2	3	. 67	0	0	6 1	9	8	696 1	- 11	342	17	2	353	4	9
Red Cliffs			683	1	1	532	0	0	17	1	6 .	1,232 2	7				1.232	$\tilde{2}$	7
Robinvale			662	1	6	179	0	0	16 1	1 (0	857 12	6				857	$1\overline{2}$	6
Stanhope			770	3	3	83	0	0	19	5	1	872 8	4				872	8	4
Tallygaroopna			248		10	55	0	0	6	4	4	309 18	2	::			309	18	2
То	tals		7,012	0	9	1,976	0	0	165	4	1	9,153 14	10	384	0	6	8,769	14	4

WATERWORKS DISTRICTS.

Harcourt	. 7
	0
Loddon $863 \ 12 \ 9$ $372 \ 0 \ 0$ $9 \ 16 \ 2$ $1,245 \ 8 \ 11$ $471 \ 5 \ 0$ 774	0 3 11
Millewa 37,777 17 4 4,472 0 0 730 0 10 42,979 18 2 8,576 3 5 34,403 1 Mornington Peninsula 13,412 15 8 1,137 0 0 333 15 9 14,883 11 5 61 6 8 14,822	- 9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 1
Sea Lake 189 0 0 1	ō
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	6 6
Tyrrell West	8 2
Washern Wimmera . 8,587 10 9 595 0 0 210 9 3 9,393 0 0 169 1 0 9,223 1	2 7 9 0
West Education 476 12 4 193 0 0 ('r. 2 14 8 666 17 8 585 17 6 81 213 0 0 213 0 0	$\begin{pmatrix} 0 & 0 \\ 2 & 0 \\ 0 & 0 \end{pmatrix}$
Wycheptool	3 2

Water Supply Works Depreciation Accounts as at 30th June, 1955—continued.

District.	Balance 1st July,	e at 1954.	Amounts into Acc 1954-	coun	id t	!	Intere 1954 - 5				Tota].		. 1	Expendi 1954–			Balanc Accoun	t a	
									:									30th June	, I	95
	+	s. d.	£	s.	d.		£	8.	d.		£	s.	d.		£	s.	d.	€	я.	•
	URE	BAN I	DISTRIC	rs	ΟF	W	ATEI	R W	Oł	RKS	s DIS	ΤF	RIC	TS.						
lansford	2,341	$\begin{array}{ccc} 10 & 11 \\ 17 & 11 \end{array}$; 20 95	0	0 0		58 1		H.	:	$\begin{array}{c} 315 \\ 2.495 \\ 53 \end{array}$	8	$\frac{2}{10}$					$\begin{array}{c} 315 \\ 2,495 \\ 53 \end{array}$	8	- 1
rwon Heads and Ocean Grove	Cr. 3,190	16 9 13 4	540	0	٠,	Cr.	79			Cr.		8	8				i	Cr. 2,730	8	
Grove rriwilloek rwick		11 - 4	33 258	0	()		117		9 5		$\frac{112}{5,140}$	5	9		65	19	0		6	
ulah	818 266	15 5	81 112	0	0		17	14	6 7		$\frac{917}{383}$	10	0			15 13	$\frac{9}{6}$.	805 305	16	
reguratern-Crib Point	603 605		104 198	0	0			5			$\frac{723}{818}$		10					$\frac{723}{818}$		
m	$\frac{105}{2.726}$	$\frac{9}{0}$ $\frac{7}{10}$	108	0	0	Cr.	$^{67}_{281}$	$\frac{13}{12}$	10	:	$^{154}_{2,901}$	13	9		$\frac{133}{21}$	3 14	6	$\frac{21}{2,879}$	18	
nperdown	$\frac{11,265}{182}$	$\begin{array}{ccc} 17 & 3 \\ 3 & 3 \end{array}$			0		3	6	10		$12.185 \\ 193$	10	1	:			.	12,185 193	10	
elsea-Frankston	25,341	$\begin{array}{ccc} 15 & 11 \\ 16 & 9 \end{array}$	3,732 16	0	0			11	11		$\frac{29,685}{81}$	- 8	11		879	16	0	$28,805 \\ 81$	- 8	
inkapook	9.734	$\frac{12}{9} \frac{3}{11}$	16 155	0	0			2	3		$\frac{213}{2,947}$	12	2	!	12				12	
liban	31,013 573	$\begin{array}{ccc} 0 & 7 \\ 13 & 9 \end{array}$	7,691	0	0			6			39,018 658	0	$\frac{1}{7}$		18,427	18	.5	$20,590 \\ 658$	0	
lgoa ndenong-Springvale	$\begin{array}{c} 64 \\ 30.488 \end{array}$	$\frac{12}{3} = \frac{8}{0}$	$\frac{30}{3,529}$	0	0		$\frac{1}{712}$	7	1		$\frac{96}{34.729}$		1		1,993		11	$\frac{96}{32.736}$	5	
nboola oen	1,157 229	$\begin{array}{ccc} 17 & 5 \\ 16 & 10 \end{array}$	350 22	0	0			14			1,533 257	11	8 9		123	8	3	257	11	
omana-Portsea ysdale	$\frac{27,671}{1,553}$	19 3 4 5	$\frac{2.011}{170}$	0	0			16	7		$\frac{30,374}{1,762}$	1	3			,,	10	$\frac{30,374}{1,762}$	1	
rfield stings	1,870 1,099	$\begin{array}{cc} 1 & 0 \\ 4 & 10 \end{array}$. 43 180	0	0		$\frac{46}{27}$	9	6 7		$\frac{1,959}{1,306}$	14	.5		13		10	1,946 1,306	14	
petoun	1,820 388		120 120	0	0		17 9	5 2	2		$\frac{1.957}{517}$		3	1	1,129 24	8	6	827 493	8	
ng Jung oudrook	840 413	$\begin{array}{ccc} 10 & 7 \\ 4 & 1 \end{array}$	73 208	0	0		20 10	1	9		934 631	-5	1		11	$\frac{0}{3}$	6	933 620	1	
ke Boga bert	515	$\frac{13}{8} \frac{10}{4}$	127 102	0	0		1 1	17	10 9		727 630	6	8				İ		6	
scelles	$\frac{92}{2,440}$	1 1	85 148	0	0		60	6 1	8		$\frac{179}{2,648}$	6	()		36	18	0	$^{179}_{2,611}$	- 8	
nangatang	31 807		80 39	0	0		$\frac{0}{12}$	5	1		112 859	3	8	İ	3 i 7	.5	8	112 541		
rnoo	1,009 1,239	3 3	99 108	() ()	0		21 30		97		$\frac{1.129}{1.678}$	2	10	İ			į	$\frac{1.129}{1.678}$	2	
ringur	172		38	0	0		- 1	$\frac{14}{7}$	9 2		$\frac{109}{315}$	1			118	8	3	109 196		
tiamo rnington	$\frac{400}{7,472}$	1 8	1.194	0	0		$\frac{10}{188}$		4 10		$^{483}_{8,854}$	2	6	Dr.	<u>i</u> 9	11	7	$\frac{483}{8,903}$	1 1	
ndaly timuk	$\frac{73}{1,260}$	$\begin{array}{ccc} 6 & 1 \\ 14 & 11 \end{array}$	27 69	0	0		23	16 -5	8		$\frac{102}{1,353}$	0			330	1	2	$102 \\ 1.022$		
wstead llawil	1,061	$\frac{9}{16} \frac{6}{4}$	51 37	0	0		1	10 19			$\frac{1,139}{118}$		3			9		1.139	16	
ah	$\frac{409}{2,716}$	6 8	95	0	0		9 58	$^{6}_{17}$	3		$\frac{514}{2,910}$		10		$\begin{array}{c} 37 \\ 361 \end{array}$		8	$\begin{array}{c} 176 \\ 2,548 \\ Cr. & 496 \end{array}$	4 3	
yen kenham	Cr. 735 1,022	2 2	258 172	0	0	Cr.	100	11	1	Cr.	1,294		3					$\frac{1.294}{228}$	13	
tchewollock)	164 110	$\begin{array}{ccc} 1 & 9 \\ 10 & 4 \end{array}$	107	0	0			2 1.5	3		228 220	5		:				220	3 5	
rtarlington ramid Hill	3,760 916	3 3	302 127	0	0		22	18	6		$\frac{4,156}{1,066}$	1	1	:	::			4,156 1,066	1	
ambatook	609	8 0	91	0	0		15		8		718		8		572		0 -	$\frac{718}{5,035}$		
Lonsdale inbow	4,431 1,554	$\frac{3}{3} + \frac{2}{8}$	1,080	0	0			9 17	ì		$\frac{5,607}{1,767}$	()	9		19	3	9	1,767	0	
panyup Lake	798 658	$\begin{array}{ccc} 1 & 7 \\ 3 & 8 \end{array}$	110	0	0		13		ā	i	926 783	1	1	i	103	6	9	877 679		
merville uth Frankston	$\frac{1,300}{4,135}$	$\begin{array}{cccc} 15 & 4 \\ 4 & 4 \end{array}$	$\frac{80}{511}$	0	0		103		5 6		$\frac{1,413}{4,750}$	5 2	9 10	Dr.	21	16	9	$\frac{1,413}{1,771}$		
eed mpy	$\frac{86}{39}$	$\begin{array}{ccc} 18 & 1 \\ 3 & 6 \end{array}$	78 78	0	0		0		6 7		167 118	3	7	!				167 118	3	
rang	$\frac{8,961}{2,087}$	$\frac{2}{9} = \frac{1}{8}$	506 113	0	()		224 52	3	7 9		9,691 2.252	13 13	5				2	9,691 $2,252$		
tima titehic	135 367	$ \begin{array}{ccc} 5 & 0 \\ 13 & 4 \end{array} $	68 27	0	0		9	11			403	16 17	1 2			11	2	173 403		
alpeup	139 106	9 8	55 85	0	0 .		10	9 3 10	9 4 8	:	501	19 16 16	5 9 5					197 501 550	16	
errimull onthaggi	9,580	5 9 10 9	78 114	0 0 0	0 0			3	550		10,184	14	2 2		1,973		6 2	$8,\frac{33}{211}$ 583	10	
oomelang oorinen	885 368	$\begin{array}{ccc} 1 & 0 \\ 6 & 6 \\ \end{array}$	95	0	0		8	5	-2		424 2.394	11	8 8		332		- 2	$\frac{363}{424}$	11	
rcheproof apeet	$^{2,176}_{143}$	$\begin{array}{ccc} 12 & 9 \\ 4 & 9 \end{array}$	173 72	0	0		3		7	_	218		4		,., 2	- 11		218		
Totals	216,414	0 2	28,810		0		4.712	14	8		249.936	1-1	10		27,617	8	10	222,319	-6	_
				1	BU	[].[]	INGS													
ildings	47,531	19 4	10,000		0	. ,	994		8		58.526	1.4	()		7.742	10	10	50,784	3	
Totals	47,531	19 4	10,000	0	0		994	14	.8		58,526	14	0		7.742	10	10	50,784	3	_
			PI	ΔΑΝ	Т	WO	RKSI	ОН	$_{ m PS}$											
ndigo	8,371	10 6 0 0	1,320 92	0	0		$\substack{209\\2}$	5 6	9		$9,900 \\ 186$	16 6		;				$9,900 \\ 186$	16 6	
and a contract of the contract											40.005							10,087	2	
Totals	8,463	10 6	1,412	0	0		211	H	9		t0,087	2	3					10,001		

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

Fund, 1954-55 1,468 13 10 Paid by Commission direct to 121,943 13 10 Fund, 1954-55 1,4 Amount transferred to Fund by Treasury, 1954-35		. d.	£			d.
) 9				
767,564 3 4 Treasury, 1954-55	68 13	3 10)			
Account, 1954–55						
780,987 6 9 Less Expenditure 1954–55		_	586,2	76	9	7
Less— £ s. d. 673,644 16 5 Expenditure 1954-55 107,342 10 4 Amount Invested by Treasers 1074,55						
sury 1954-55 107,3	42 10	0 4				
C'redit Balance as at 30th June, 1955 Amount at credit of Sundry Investment Amount credited to Account in Commission's books — not credited to Fund by Treasury			478,9 t	33	19	3
at 30th June, 1955	••					
1954-55 120,4	75	0 ()			
Less Amount transferred to Fund by Treasury 1954–55	175 ···	0 ()			
Add— £ s. d. Total Interest credited to Account in Commission books at 30th June, 1955 145,985 3 0 Less— Amount credited to Fund by Treasury at 30th June,	75	0 ()			
1955 71,749 5 10	235 1	7	2			
Amount not credited to Fund by Tr 30th June, 1955	easur	y a	t 194,7	710	17	2
673,644 16 5			673,6	844	16	5

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761).

Summary of Operating Transactions for Year ended 30th June, 1955. \pounds s. d. \pounds s. d. \pounds s. d.

	£	3.	d.	£	s.	d.		£	8.	d.	£	8.	d.
Balance as at 1st July, 1954				367,053	2	I	Interest due for year paid to						
Amounts charged on moneys							Revenue No. 2 to 30th June,						
authorized for carrying out							1955 ,				45,182	17	3
construction and maintenance							Redemption paid to Revenue						
of Commission works on which							No. 9 Miscellaneous to 30th						
plant and machinery were							June, 1955				3,765	4	9
engaged with respect to							Water Supply Plant and						
Capital Liability of £1,497,341							Machinery Depreciation Fund						
11s. 11d. as at 30th June, 1955							Investment in Treasury	97,382	15	6			
Interest	42,722	4	4				Interest on Fund Investment	20,820	11	7			
Redemption							-				118,203	7	l
Depreciation	97.382	15	6				Cost of operation Maintenance						
Cost of Operation, Maintenance.							and Repairs, &c				233,321	9	3
Repairs (including Holding							Plant and Machinery Operating						
Charges)	354,017	10	б				Account Reserve as at 30th						
_			_	497,682	14	0	June, 1955	• •			485,083	9	4
Interest—Depreciation Fund In-													
vestment				20,820	11	7							
			_	885,556	7	-8					885,556	7	8
			-							-			

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 4761). Summary of Capital Transactions for Year Ended 30th June, 1955.

Plant and Machinery-						£	8.	d.	£	8.	d.
Debit Balance in Account as at 30th June, 1954						1.511,083	14	2			
Add—Purchases of Plant during year 1954-55						48,386					
Deduct								_	1,559,470	7	5
Redemption paid to Treasury 30th June, 1955						3,765	4	q			
Repayments to State Loans Repayment Fund						58,363					
								_	62,128	15	6
Total Capital Liability									1,497,341	11	11
Note.—Interest paid to Treasury in respect to Capital I	Jability o	of Plant :	and Mac	hinery Ac	count—	-					
Plant and Machinery—				£	s. d.						
Payments to 30th June, 1954				252,217	9 3						
Amount due and paid for year 1954-55				45,182	17 3						
•				297,400	6 6						

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

Water Supply Plant and Mac	hinery D	eprecia	ttion	{ ccount	.	Water Supply Plant and Mac (in Treas		Depr	ecia	tion Fu	nd	
C. P. D. L. and J.	£	s, d		i ×.	d.	n	£	s.	d.	£	8.	d.
Credit Balance as at 30th June, 1954			561,8	823 16	4	Balance as per Treasury General Account at 30th June, 1954				93,823	16	4
Add—						Payments to Fund during 1954–55	97,382	15	6			
Proceeds from Hire of Plant	97,382	15 t				Interest credited by Treasury on Investments for year 1954-55	20,820	11	7	110 202	_	,
						_				118,203		1
Add Interest credited for year										212,027	3	$\tilde{5}$
1954–55	20,820	13 7				Less Withdrawal for replacement of plant	46,394	11	5			
Less Expenditure for replacement	118,203	7]				Less Amount transferred by Treasury to Investment Account,						
of Plant	46,394	11 5		808 15	8	1954-55	80,000	0		126,394	11	5
									_			_
						Balance as per Treasury General Account at 30th June, 1955				85,632	12	0
						Amount Invested in Treasury Investment Account			,	5 4 8,000	O	0
			633,6	32 12	0				-	633,632	12	0
				_	_				_			_

CAPITAL EXPENDITURE.

Statement of Moneys Expended under Water Supply Loan Acts for the Year Ended 30th June, 1955.

						Water Supply Loan Fund	ls.	Treasurer's
	Wor	rks.			Act 5748.	Act 5821.	Total Ordinary Loan Funds.	Advance.
Main Supply	y Works, 1	Stores, and	Workshops.	:	£ s. d.	\mathfrak{E} s. d.	£ s. d.	£ s.
Sonnie Doon, Rem	oval of T	ownship			17.642 0 7	19,910 14 4	37,552 14 11	
Sulk Store and Sto airn Curran Reser					12,379 13 6	60 14 8 300,000 8 4	60 14 8 312,380 1 10	90,926 14
entral Plant Worl			re		470 4 6	5,242 16 11	5,713 1 5	30,320 14
ast Goulburn Mai	n Channe	ı î.			1,980 13 8	5,504 8 5	7,485 2 1	
ildon Reservoir E ppalock Reservoir		ıt		٠.	1,783,913 17 0 778 0 0	3,416,828 18 7 64 16 8	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
lenelg River Worl	ks to Win	nmera—Mal		• •	1,817 13 0	10,289 19 10	12,107 12 10	
lenmaggie Reserv	oir .				260 - 4 - 1	2.035 2 6	2,295 6 7	
oulburn Weir oulburn—Warang:	 • Channel	. Duplication	n		138,040 8 2	$784 ext{ } 4 ext{ } 8 \\ 372,182 ext{ } 10 ext{ } 4$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
oulburn System I	Enlargeme	nt Investiga			1,437 1 10	8,382 1 0	9,819 2 10	
allam-East Dand			• •	• •	$4,490 \ 16 \ 2$ $63 \ 5 \ 4$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	• • •
ydraulic Experim .ow Swamp Work					3,019 6 1	5,045 1 7	8,064 7 8	
ake Lonsdale Res						614 1 11	614 1 11	
oddon Weir elton Reservoir	 			• •	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
lant and Machine					33,321 3 1	$15,065 \ 10 \ 2$	48,386 13 3	
iver Improvement	ts .				16 750 0 0	2,529 3 0	2,529 3 0	• •
iver Murray Agre ocklands Outlet ($16,750 0 0 \\ 1,150 5 1$	$92,000 0 0 \\ 1,914 1 2$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
ocklands Reservo			••.		4,348 0 9	15,794 5 8	20,142 6 5	
rvey and Investi				• •		54,937 13 10 3 654 12 11	68,899 17 4	
allangatta Townsl arago Offtake and					2,160 5 1 $100,246 2 7$	$3,654 \ 13 \ 11$ $252,620 \ 14 \ 3$	5,814 19 0 352,866 16 10	::
oolondo Outlet Cl					645 1 6	401 3 2	1,046 4 8	
oolondo Reservoir				• •	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	8,341 10 10 77,401 6 0	
orrumbarry Syste ⁷ aranga Reservoir				• • •	38,473 4 2 $476 16 4$	38,928 1 10 $570 9 1$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
aranga Western	Main Chai	nnel Enlarg	ement		$209 \ 10 \ 0$	773 16 10	983 6 10	
Yaranga Western Yater Supply Stor					1 0 0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	• •
'immera Main Ch					• • • • • • • • • • • • • • • • • • • •	6,669 2 3	6,669 2 3	
Vimmera Storages						$392 \ 10 \ 3$	392 10 3	
Bacchus Marsh	and Wat 				 107 19 10	36 16 3 10 1 8	36 16 3 118 1 6	
acchus Marsh boort alivil ampaspe chural Gippsland ohuna leakin					$\begin{array}{c} \vdots \\ 107 \ 19 \ 10 \\ 231 \ 2 \ 2 \\ 404 \ 14 \ 4 \\ 57,730 \ 7 \ 9 \\ 1,536 \ 11 \ 2 \\ 1 \ 5 \ 0 \\ 71 \ 18 \ 7 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9	
acchus Marsh foort foort foort ampaspe entral Gippsland ohuna fookin fungee ingee					231 2 2 404 14 4 57,730 7 9 1,536 11 2 1 5 0 71 18 7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin iingee ish Point					231 2 2 404 14 4 57,730 7 9 1,536 11 2 1 5 0 71 18 7 4 12 11 1,699 12 6	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ingee ish Point atandra erang oondrook					231 2 2 404 14 4 57,730 7 9 1,536 11 2 1 5 0 71 18 7 4 12 11 1,699 12 6 1,570 9 0	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ingee ish Point atandra erang oondrook affra—Sale					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ingee ish Point atandra erang oondrook affra—Sale urray Valley ystic Park					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 118 & 1 & 6 \\ 944 & 11 & 9 \\ 449 & 10 & 9 \\ 199,807 & 18 & 7 \\ 10,960 & 14 & 10 \\ 853 & 2 & 11 \\ 331 & 5 & 9 \\ & & 1 & 18 & 10 \\ 1,203 & 2 & 11 \\ 5,209 & 7 & 3 \\ 4,824 & 8 & 1 \\ 15,590 & 1 & 0 \\ 98,073 & 16 & 5 \\ 799 & 15 & 9 \\ \end{array}$	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ingee ish Point atandra erang oondrook affra-Sale urray Valley ystic Park orth Shepparton					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ish Point atandra erang oondrook affra-Sale urray Valley systic Park orth Shepparton yah					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 118 & 1 & 6 \\ 944 & 11 & 9 \\ 449 & 10 & 9 \\ 199,807 & 18 & 7 \\ 10,960 & 14 & 10 \\ 853 & 2 & 11 \\ 331 & 5 & 9 \\ & & 1 & 18 & 10 \\ 1,203 & 2 & 11 \\ 5,209 & 7 & 3 \\ 4,824 & 8 & 1 \\ 15,590 & 1 & 0 \\ 98,073 & 16 & 5 \\ 799 & 15 & 9 \\ \end{array}$	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin inigee ish Point atandra erang oondrook affra-Sale urray Valley ystic Park orth Shepparton ysh ed Cliffs-Merbein obinvale					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 118 & 1 & 6 \\ 944 & 11 & 9 \\ 449 & 10 & 9 \\ 199,807 & 18 & 7 \\ 10,960 & 14 & 10 \\ 853 & 2 & 11 \\ 331 & 5 & 9 \\ & & 1 & 18 & 10 \\ 1,203 & 2 & 11 \\ 5,209 & 7 & 3 \\ 4,824 & 8 & 1 \\ 15,590 & 1 & 0 \\ 98,073 & 16 & 5 \\ 799 & 15 & 9 \\ 2,719 & 14 & 3 \\ 2,159 & 3 & 7 \\ 24,978 & 2 & 1 \\ 133,358 & 4 & 0 \\ \end{array}$	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ingee ish Point atandra erang oondrook affra-Sale urray Valley ystic Park orth Shepparton yah ed Cliffs-Merbein obinvale ochester					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3 2,159 3 7 24,978 2 1 133,358 4 0 3,314 16 11	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ingee ish Point atandra erang oondrook affra—Sale urray Valley ystic Park orth Shepparton yah ed Cliffs—Merbein obinvale ochester odney					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3 2,159 3 7 24,978 2 1 133,358 4 0 3,314 16 11 17,524 3 4 6,835 13 8	
acchus Marsh oort dilvil umpaspe entral Gippsland shuna eakin ingee ish Point atandra erang oondrook affra-Sale urray Valley ystic Park orth Shepparton ysh ed Cliffs-Merbein obinvale ochester odney nepparton outh Shepparton					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11 625 15 2	$\begin{array}{c} 118 & 1 & 6 \\ 944 & 11 & 9 \\ 449 & 10 & 9 \\ 199,807 & 18 & 7 \\ 10,960 & 14 & 10 \\ 853 & 2 & 11 \\ 331 & 5 & 9 \\ & & 18 & 10 \\ 1,203 & 2 & 11 \\ 5,209 & 7 & 3 \\ 4,824 & 8 & 1 \\ 15,590 & 1 & 0 \\ 98,073 & 16 & 5 \\ 799 & 15 & 9 \\ 2,719 & 14 & 3 \\ 2,159 & 3 & 7 \\ 24,978 & 2 & 1 \\ 133,358 & 4 & 0 \\ 3,314 & 16 & 11 \\ 17,524 & 3 & 4 \\ 6,835 & 13 & 8 \\ 628 & 5 & 6 \end{array}$	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin eish Point atandra erang oondrook affra-Sale urray Valley ystie Park orth Shepparton yah ed Cliffs-Merbein obinvale ochester odney hepparton outh Shepparton outh Shepparton					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3 2,159 3 7 24,978 2 1 133,358 4 0 3,314 16 11 17,524 3 4 6,835 13 8	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ish Point atandra erang oondrook affra—Sale furray Valley ystic Park orth Shepparton yah ed Cliffs—Merbein obinvale oohester odney hepparton wan Hill hird Lake ongala—Stanhope					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11 625 15 2 8,626 13 7 393 4 3 3,919 12 1	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3 2,159 3 7 24,978 2 1 133,358 4 0 3,314 16 11 17,524 3 4 6,835 13 8 628 5 6 17,928 16 1 702 2 2 4,943 19 5	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ingee ish Point atandra erang oondrook affra-Sale furray Valley ystic Park orth Shepparton yah ed Cliffs-Merbein obinvale ochester odney hepparton outh Shepparton wan Hill hird Lake ongala-Stanhope ragowel Plains					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11 625 15 2 8,626 13 7 393 4 3 3,919 12 1 6,961 14 5	$\begin{array}{c} 118 & 1 & 6 \\ 944 & 11 & 9 \\ 449 & 10 & 9 \\ 199,807 & 18 & 7 \\ 10,960 & 14 & 10 \\ 853 & 2 & 11 \\ 331 & 5 & 9 \\ 1 & 18 & 10 \\ 1,203 & 2 & 11 \\ 5,209 & 7 & 3 \\ 4,824 & 8 & 1 \\ 15,590 & 1 & 0 \\ 98,073 & 16 & 5 \\ 799 & 15 & 9 \\ 2,719 & 14 & 3 \\ 2,159 & 3 & 7 \\ 24,978 & 2 & 1 \\ 133,358 & 4 & 0 \\ 3,314 & 16 & 11 \\ 17,524 & 3 & 4 \\ 6,835 & 13 & 8 \\ 628 & 5 & 6 \\ 17,928 & 16 & 1 \\ 702 & 2 & 2 \\ 4,943 & 19 & 5 \\ 9,584 & 7 & 10 \\ \end{array}$	
acchus Marsh oort divil umpaspe entral Gippsland ohuna eakin eakin eingee sh Point atandra erang erang oondrook affra-Sale urray Valley ystic Park orth Shepparton ysh ed Cliffs-Merbein obinvale ochester odney nepparton outh Shepparton wan Hill hird Lake ongala-Stanhope ragowel Plains resco					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11 625 15 2 8,626 13 7 393 4 3 3,919 12 1	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3 2,159 3 7 24,978 2 1 133,358 4 0 3,314 16 11 17,524 3 4 6,835 13 8 628 5 6 17,928 16 1 702 2 2 4,943 19 5	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ish Point atandra erang oondrook affra-Sale urray Valley ystic Park orth Shepparton yah ed Cliffs-Merbein obinvale ochester odney aepparton buth Shepparton wan Hill hird Lake ongala-Stanhope ragowel Plains resco 'erribee					$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11 625 15 2 8,626 13 7 393 4 3 3,919 12 1 6,961 14 5 665 8 7	$\begin{array}{c} 118 & 1 & 6 \\ 944 & 11 & 9 \\ 449 & 10 & 9 \\ 199,807 & 18 & 7 \\ 10,960 & 14 & 10 \\ 853 & 2 & 11 \\ 331 & 5 & 9 \\ & & 18 & 10 \\ 1,203 & 2 & 11 \\ 5,209 & 7 & 3 \\ 4,824 & 8 & 1 \\ 15,590 & 1 & 0 \\ 98,073 & 16 & 5 \\ 799 & 15 & 9 \\ 2,719 & 14 & 3 \\ 2,159 & 3 & 7 \\ 24,978 & 2 & 1 \\ 133,358 & 4 & 0 \\ 3,314 & 16 & 11 \\ 17,524 & 3 & 4 \\ 6,835 & 13 & 8 \\ 628 & 5 & 6 \\ 17,928 & 16 & 1 \\ 702 & 2 & 2 \\ 4,943 & 19 & 5 \\ 9,584 & 7 & 10 \\ 686 & 11 & 10 \\ \end{array}$	
acchus Marsh oort alivil ampaspe entral Gippsland ohuna eakin ingee ish Point atandra erang coondrook affra-Sale iurray Valley lystic Park orth Shepparton yah ed Cliffs-Merbein obinvale ochester odney othester odney oth Shepparton wan Hill hird Lake ongala-Stanhope ragowel Plains resco 'erribee "rban Divisions of				tricts.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11 625 15 2 8,626 13 7 393 4 3 3,919 12 1 6,961 14 5 665 8 7 6,631 12 3	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3 2,159 3 7 24,978 2 1 133,358 4 0 3,314 16 11 17,524 3 4 6,835 13 8 628 5 6 17,928 16 1 702 2 2 4,943 19 5 9,584 7 10 686 11 10 22,364 4 6	
sacchus Marsh soort salivil sampaspe entral Gippsland ohuna eakin singee sish Point satandra serang soondrook saffra-Sale surray Valley systic Park orth Shepparton yah sed Cliffs-Merbein sobinvale sochester sodney shepparton outh Shepparton wan Hill hird Lake ongala-Stanhope ragowel Plains resco serribee			Supply Dis	tricts.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11 625 15 2 8,626 13 7 393 4 3 3,919 12 1 6,961 14 5 665 8 7	$\begin{array}{c} 118 & 1 & 6 \\ 944 & 11 & 9 \\ 449 & 10 & 9 \\ 199,807 & 18 & 7 \\ 10,960 & 14 & 10 \\ 853 & 2 & 11 \\ 331 & 5 & 9 \\ & & 18 & 10 \\ 1,203 & 2 & 11 \\ 5,209 & 7 & 3 \\ 4,824 & 8 & 1 \\ 15,590 & 1 & 0 \\ 98,073 & 16 & 5 \\ 799 & 15 & 9 \\ 2,719 & 14 & 3 \\ 2,159 & 3 & 7 \\ 24,978 & 2 & 1 \\ 133,358 & 4 & 0 \\ 3,314 & 16 & 11 \\ 17,524 & 3 & 4 \\ 6,835 & 13 & 8 \\ 628 & 5 & 6 \\ 17,928 & 16 & 1 \\ 702 & 2 & 2 \\ 4,943 & 19 & 5 \\ 9,584 & 7 & 10 \\ 686 & 11 & 10 \\ \end{array}$	
sacchus Marsh soort solivil ampaspe entral Gippsland ohuna eakin singee sish Point satandra erang coondrook saffra-Sale surray Valley systic Park orth Shepparton yah ed Cliffs-Merbein obinvale ochester odney hepparton outh Shepparton wan Hill hird Lake ongala-Stanhope ragowel Plains resco Vernibee Verban Divisions of ohuna ingee eyfield		and Water		tricts.	231 2 2 404 14 4 57,730 7 9 1,536 11 2 1 5 0 71 18 7 4 12 11 1,699 12 6 1,570 9 0 3,782 0 9 14,677 6 2 388 11 6 80 3 0 1,287 7 10 11,597 8 10 26,865 12 0 1,351 7 3 4,065 3 10 1,309 5 9 2 10 4 9,302 2 6 308 17 11 1,024 7 4 2,622 13 5 21 3 3 15,732 12 3	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11 625 15 2 8,626 13 7 393 4 3 3,919 12 1 6,961 14 5 665 8 7 6,631 12 3	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3 2,159 3 7 24,978 2 1 133,358 4 0 3,314 16 11 17,524 3 4 6,835 13 8 628 5 6 17,928 16 1 702 2 2 4,943 19 5 9,584 7 10 686 11 10 22,364 4 6	
Bacchus Marsh Boort Bo		and Water	Supply Dist		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3 2,159 3 7 24,978 2 1 133,358 4 0 3,314 16 11 17,524 3 4 6,835 13 8 628 5 6 17,928 16 1 702 2 2 4,943 19 5 9,584 7 10 686 11 10 22,364 4 6	
sacchus Marsh soort soort alivil ampaspe entral Gippsland ohuna eakin bingee ish Point satandra condrook laffra-Sale furray Valley fystic Park forth Shepparton fysh cothester codney hepparton outh Shepparton wan Hill hird Lake fongala-Stanhope ragowel Plains resco ferribee Trban Divisions of ohuna ingee eyfield furrabit led Cliffs		and Water	Supply Dist		231 2 2 404 14 4 57,730 7 9 1,536 11 2 1 5 0 71 18 7 4 12 11 1,699 12 6 1,570 9 0 3,782 0 9 14,677 6 2 388 11 6 80 3 0 1,287 7 10 11,597 8 10 26,865 12 0 1,351 7 3 4,065 3 10 1,309 5 9 2 10 4 9,302 2 6 308 17 11 1,024 7 4 2,622 13 5 21 3 3 15,732 12 3	10 1 8 713 9 7 44 16 5 142,077 10 10 9,424 3 8 851 17 11 259 7 2 1 18 10 1,198 10 0 3,509 14 9 3,253 19 1 11,808 0 3 83,396 10 3 411 4 3 2,639 11 3 871 15 9 13,380 13 3 106,492 12 0 1,963 9 8 13,458 19 6 5,526 7 11 625 15 2 8,626 13 7 393 4 3 3,919 12 1 6,961 14 5 665 8 7 6,631 12 3	118 1 6 944 11 9 449 10 9 199,807 18 7 10,960 14 10 853 2 11 331 5 9 1 18 10 1,203 2 11 5,209 7 3 4,824 8 1 15,590 1 0 98,073 16 5 799 15 9 2,719 14 3 2,159 3 7 24,978 2 1 133,358 4 0 3,314 16 11 17,524 3 4 6,835 13 8 628 5 6 17,928 16 1 702 2 2 4,943 19 5 9,584 7 10 686 11 10 22,364 4 6	
sacchus Marsh soort alivil ampaspe entral Gippsland ohuna eakin ingee ish Point atandra condrook laffra-Sale lurray Valley lystic Park orth Shepparton yah ed Cliffs-Merbein obinvale ochester odney hepparton wan Hill hird Lake ongala-Stanhope ragowel Plains resco lerribee lerribee lerribee lerribee lerribee lerribeid lurrabit led Cliffs obinvale	Irrigation	and Water	Supply Dist		231 2 2 404 14 4 57,730 7 9 1,536 11 2 1 5 0 71 18 7 4 12 11 1,699 12 6 1,570 9 0 3,782 0 9 14,677 6 2 388 11 6 80 3 0 1,287 7 10 11,597 8 10 26,865 12 0 1,351 7 3 4,065 3 10 1,309 5 9 2 10 4 9.302 2 6 308 17 11 1,024 7 4 2,622 13 5 21 3 3 15,732 12 3	10	118	

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CAPITAL EXPENDITURE—continued.

Statement of Moneys Expended under Water Supply Loan Acts for the Year Ended 30th June, 1955—continued.

									ater Supply Loan Fur	ids.	Treasurer's
		orks.				Act 57	48.		Act 5821.	Total Ordinary Loan Funds.	Advance.
						£	8.	d.	\mathfrak{L} s. d.	\mathfrak{L} s. d.	£ s.
	Broug	ght fo	orward			2,341,850	8	10	5,232,989 19 3	7,574,840 8 1	90,926 14
	Waterwor	·ks D	istrict».								
ke Creek ellarine Peninsuk	 o (includi	 ing H	eadworks)			6 18,550		5 8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	29 4 9 56,186 17 9	
rchip						91	12	I	369 2 9	460 14 10	
arcourt arkarooc	• •	• •				$\frac{21}{279}$	$\frac{18}{0}$	3 ()	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$egin{array}{cccc} 101 & 7 & 5 \ 2,722 & 5 & 11 \end{array}$	
erang–North-We	st Lakes					-10			31 12 10	31 12 10	
oddon		• •		• •		6 133	_	7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
ong Lake illewa						1,098		0 5	1,362 16 10	2,461 11 3	
ornington Penins	sula (inch	nding				$26,\!478$		4	215,199 - 0.10	241,677 4 2	
ormanville way	• •	• •	• •	• •		799	10	4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
way iyen						1,394		6	131 15 11	$1,525 \ 18 \ 5$	
Lake						138	0	4	806 0 6	944 0 10	
ntynder ntynder North							10	0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
rrell						156		0	2,677 5 3	2,833 16 3	::
rrell West	 United					1 4,891	19	0	1,643 13 11	$1,644 \ 13 \ 11$ $6,855 \ 19 \ 8$	
per Wimmera l alpeup West	t'nited						13	1	1.964 6 7 $110 1 8$	6,855 19 8 110 1 8	
estern Wimmera						12	10		3,979 2 0	3,991 12 4	
			• •			7,792 214	0 14	8 11	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	• •
ycheproof ychitella						709			1,332 10 7	2,041 14 4	
glesea rwon Heads and rriwillock	d Ocean	Grove				136	$\begin{array}{c} 17 \\ 7 \end{array}$	3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	627 10 8 75 1 9 147 13 11	::
rwick						Cr. 4	18	11	$370 \ 15 \ 2$	365 16 3	
ulah rchip							13 14	6 6	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	43 6 8 444 12 11	
tern-Crib Point						. 3	18	6	319 9 6	323 8 0	
nyip mperdown		• •				5 365	18 15		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	249 17 0 543 17 11	
elsea–Frankston						2,436			$14.544 \ 11 \ 3$	16,981 - 2 - 7	
inkapook bden			• •		• •	41	18	6	$\begin{array}{cccc} & 6 & 2 & 2 \\ 1,453 & 10 & 11 \end{array}$	$\begin{array}{cccc} 6 & 2 & 2 \\ 1,495 & 9 & 5 \end{array}$	
bden liban						19,973	2	1	83,816 2 9	103,789 4 10	
inbourne						. 10	$\frac{17}{17}$	9	181 14 7	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
lgoa .ndenong-Spring	vale					6,0 5 6]7 l	0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$: ::
mboola						171	4	2	191 18 11	363 3 1	
omana–Portsea rfield						134 10		$\frac{2}{6}$	5,325 1 9 $95 17 2$	5,459 16 11	i
stings						3		8	247 2 8	250 3 4	
petoun pondrook		• •		٠.		76	1	5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	••
ondrook ke Boga					• •	. 4	1	11	0 6 8	4 8 7	::
ngwarry		• •					18	3	$\frac{462}{21}$ $\frac{4}{17}$ $\frac{7}{11}$	493 2 10	
nangatang rong				 		$\begin{array}{c} 89 \\ 224 \end{array}$	$\frac{6}{17}$	8 11	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
rbein						91	0	0	3,979 2 4	4,070 2 4	
nyip ornington	• •		• •	• •		57	$\frac{0}{18}$	$\frac{2}{4}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$: ::
timuk						172	3	11	14 6 8	186 10 7	: ::
ah						183		8	241 16 2	0 -	
vah West						$\frac{692}{23}$	$\frac{18}{19}$	$\frac{8}{0}$	$\begin{bmatrix} 252 & 8 & 3 \\ 1.098 & 4 & 1 \end{bmatrix}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
Kenham						5	2	10	$565 \cdot 16 = 3$	570 19 1	
angil		••		• •	• •	549		$\frac{2}{6}$	89 9 11	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	• • • • • • • • • • • • • • • • • • • •
rtarlington ramid Hill							14	0	$\begin{array}{cccc} & 0.11 & 8 \\ 1,019 & 0.6 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
ambatook						95		1	7 18 4	102 18 5	
eenseliff–Point	Lonsdale		• •	• •	• •	1,512	2	0	1,341 10 11	2,853 12 11	
										<u> </u>	<u> </u>
	(lamb	ed for	nga pel			2,437,919	α	1	5,674,925 6 5	8,112,844 15 6	90,926 14
	Carri	ed 101	waru	• •		2,±01,010	i)	1	0,014,020 0 0	0,112,043 10 0	00,020 14

CAPITAL EXPENDITURE—continued.

Statement of Moneys Expended under Water Supply Loan Acts for the Year Ended 30th June, 1955—continued.

									ater Supply	Loai	n Fund	s.		Treasurer	
		Works.				Act 57	48.		Act 58	321.		Total Ord Loan Fu			Advance
						£	8.	d.	£	х.	d.	£	8.	d.	± s
	Bro	ught i	forward			2,437,919	9	1	5,674,925	6	5	8,112,844	15	6	90,926 1
Urban District	s of Wat	erwork	ks Districts	continue	d.	<u> </u>									
panyup										8			12		
a Lake merville		• •	• •			198 2	12	6 . 5	16	11		$\frac{215}{173}$			
th Frankston						2.023			1,913			3,937		11	
ang							3	8	128			168	7	$\tilde{5}$	
quay						749		11	7,959			8,709	0		
ima lpeup	• •		• • •	• •		182	()	1	6		10	211 6	$\frac{19}{2}$	$\frac{11}{2}$	
nthaggi						803	6	4	575			1,378	6	9	
rrinen							"	-	216			216	5	7	
cheproof	• •	• •			• •	220	18	11	19	10	0	240	8	11	
	Drain	age D	istrict.			:									
rrum						1,075	10	5	2.836	10	0	3,912	0	5	
F	lood Pro	tection	Districts.			!						:			
							1.~	_	0.40			1.451	10	_	
rdinia wer Koo-wee-ri ch Garry	 цр					623 17,203			828 26,877 2		3	1,451 44,080 2		5 7 0	
Works under	General	Super	rision of C	'ommission	١.										
terworks Trus						118,843			504.891			623,734			
ver Improveme trobe Valley D						6,841 Cr. 270,101	7 3	5 7	80,232 $559,569$			$87,073 \\ 289,468$			
	Tot	als				2,316,631	2	·	6.861,200	6	4	9,177,831	8	6	90,926 1
	1/4 7 11 11 11 11 11 11 11 11 11 11 11 11 1	W. 11 -11 /				<u>:</u>									<u>!</u>
						SUMMA	RΥ.								£ s.
Ordinary Loan l'reasurer's Adv				5821)											77,831 8 90,926 14
				Total										9,2	268,758 3
									•						
				COUNT	'RΥ	SEWERAG	Е.	AUT.F	HORITIES.						
									l 30th June						£ s. 231,239 6

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.

Geolong (inclusive of Loan Floation Expenses) Epigologic Reservoir Coultura Leves Torrubariary System coulding Weip Torrubariary System coulding Weip Surviva and Polithur Surviva Surviva and Polithur Surviva Bulk Stores and Screening Meip Float Loan Floation Expenses River Individual Expensions River Individual Expensions English Stores and Survivary Investigations Loan Floation Expenses River Individual Expensions River Individual Expensions English Stores and Survivary Survivary Water Survivary Suspense Plant and Machinery Suspense Plant and Machinery Suspense English Stores and Survivary Suspense Plant and Machinery Suspense English Stores and Survivary Suspense Plant and Machinery Suspense English Stores and Survivary Suspense Plant and Machinery Suspense English Stores and Survivary Suspense English Stores Suspe				Number Actionne.		Lofal.	1955.	
Supply Storyard, South Melbourne, and Dynon Rd. Storyard and Machiney Suspense and Machiney Suspense and Machiney Suspense and Machiney Suspense and Machiney Suspense and Machiney Suspense Part Machiney Suspense Part Machiney Suspense Batt Works Dept. Batter Works.—Were Carlisie House, 'E64687 78, 44.: Fine Arts Building E28,687 98, 44.: Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, E49,875 115, 64. Batter Works.—Residences, Batters Batter, Batter Batter, Ba	g (inclusive of Loan Flotation Expenses) ck Reservoir rn Levees tharry System (excluding Weir) ang River Works s and Preliminary Investigations Flotation Expenses	::::::::	જં ::::::::::::::::::::::::::::::::::::	≈ x 21 ⊃ x x 10 x x		œi	£ 8. d.	
B.—STATE WORKS OF WATER SUPPLY. CAPITAL COST OF WHICH IS CHARGEABLE TO CAPITAL EXPENDITURE BORNE BY THE STATE ACCOUNT. I River Works.—Casey's Weir and offtake, with about 59 chains of channel to the Broken ('reek': Gowangardie Weir with offtak in the Broken the Broken ('reek': Gowangardie Weir with offtak in the Broken the Escryoir (but exclusive of the work of its enlargement) 3 North-Wost Lakes Works.—Weir on the Loddon River at its confluence with the Pyramid Creek: regulating weirs at the effluence on the Sheepwash and Washpen Creeks: channel from the Washpen Creek: regulating weirs at the effluence storage works at these lakes Namp Works.—Indake from the River Murray with regulator, at the effluence of the Gunbower Creek: channel thence to the Koy wamp Works.—Indake from the Loddon River Lonsdale Reservoir: at Lake Lonsdale, on the Little Wimmera River, near Ledcourt Lake Pumping Works.—Index of Lake Baker, from the Little Wimmera River, near Ledcourt Lake Pumping Works.—Index to Lake Baker, from the Little Murray River; with rising main thence about 7 miles to allotment 10M, parisl froment system of main distributary channels and Little Murray River: water storage works at Lake Baker and Long Lake, with rising main thence about 7 miles to allotment: Dimbola Weir on the Drune Weir. on the Wimmera, allotment 29, parish of Longenbong: Dimbola Weir.	Store and Storeyard, South Melbourne, and Dynon Rd. Storeyard Supply Stores Suspense and Machinery Suspense l Plant Workshops, Bendigo (Land, Buildings, and Services, £152,219,10,833, 10s., 11d.; Residences, £49,875, 11s., 6d.) Sub-Depot, Kerang Sub-Depot, Kerang "Carlisle House," £54,645, 7s., 4d.; Fine Arts Bydraulic Experimental Station, Werribee, £29,278, 17s., 6d. including abbratory, Hawthorn, £10,756, 17s., 7d.); Office etc. Tatura £2,278, 3s River Weir	2s. 10d.; Equipn uliding £28,637 9s. 4 residences; Enginee 5d.	352 12 352 12 353 14 11 1 352 12 352 12	7.453 5 1.206,000 0 225.694 6 3.518 3 125,606 15 10.733 9	t į	2,825,796 1 0 3,099,809 1 7		
ater storage works at these lakes with regulator, at the effluence of the Gunbower Creek; channel thence to the Kow wamp Works.—Intake from the River Murray with regulator, at the effluence of the Gunbower Creek; channel thence to the Kow wamp Reservoir; and that Reservoir; channel along the northern side of the reservoir; channel from the outlet of the reservoir contable from the Loddon River. Londale Reservoir at Lake Lonsdale, on the Little Wimmera River, near Ledcourt River Works.—Laanecoorie Weir, on the Loddon; Bridgewater Weir, on the Loddon; Kinypaniel Weir, on the Loddon; Hoppinis Lake Pumping Works.—Inlet to Lake Baker, from the Little Murray River; water storage works at Lake Baker and Long Lake the channel connecting these lakes; pumping plant at Long Lake, with rising main thence about 7 miles to allotment 10M, pavisi Kooem; system of main distributary channels about 85 miles in length Wimmera Compensation Works.—Drung Drung Weir, on the Wimmera, near allotment 29, parish of Longerenong: Dimboola Weir	E.—STATE WOIL CAPITAL COST OF WHICH IS CHARGEABLE TO In River Works.—Casey's Weir and offtake, with about 59 uice The River Works.—Weir on the Goulburn River about 9 Seservoir: and that Reservoir (but exclusive of the work of North-West Lakes Works.—Weir on the Loddon River avoir the Loddon of the Sheepwash and Washpen Creeks; The Loddon of the Sheepwash and Washpen Creeks; The Loddon of Lake Charm Raccourse Lake Cullen's Lake Rake	KKS OF WATER CAPITAL EXPEND chains of channe miles above Murc fits enlargement) its confluence w channel from the	SUPPLY. STURE BORNE BY THE el to the Broken Crechison; channel there ith the Pyramid Creck Washpen Creck regrand Tack Thytchogon at Lake Thytchogon as	STATE ACCOUNT. Sk: Gowangardie W sfrom, about 23½ m k: regulating weirs hator to Roedy Lab lator to Roedy Lab	Veir with offtake iles, to Waranga sat the effluence see, Middle Lake, man Fiven with	14,855 13 9	5,925,605 5 7	
on the Wimmera, near Dimboola township; Antwerp Weir, on the Wimmera at Antwerp Station homestead; Jeparit Weir on the Wimmera near Jenarit township.	wamp Works.—Intake from the River Murray with regula wamp Works.—Intake from the River Murray with regula wamp Reservoir; and that Reservoir; channel along the contale Reservoir.—Reservoir at Lake Lonsdale, on the Laker Works.—Laanecoorie Weir, on the Loddon: Bridgewat ake Pumping Works.—Inlet to Lake Baker, from the Lith channel connecting these lakes: pumping plant at Loo Kooem; system of main distributary channels, about 85 Wimmera Compensation Works.—Drung Drung Weir, on the Lith Wimmera, near Dimboola township; Antwerp Weirmera, near Linaboola township; Antwerp Weirmera, near Langarit Lourshim	tor, at the effluer northern side of ittle Wimmera Rier well, on the Lod the Murray River of Lake, with risi miles in length wimmera, near, on the Wimmer,	nce of the Gunbower the reservoir; chant tiver, near Ledcourt ddon; Kinypaniel We ddon; Kinypaniel We r: water storage woi ing main thence abouting main thence about allotment 29, parisira at Antwerp Statio	Creek: channel the cel from the outlet r, on the Loddon: He ks at Lake Baker tt 7 miles to allotm of Longerenong; n of Longerenong;	ence to the Kow of the reservoir. Iepburn's Lagoon and Long Lake, nent 10M, parish rit Weir on the	26,671 12 10 217,183 0 3 50,198 17 9 186,029 18 6 27,305 18 5		

Eildon Reservoir Eildon Reservoir Enhargement including Bonnie Doon (Township Removal) (Under construction—Not Annortioned to Districts)
Warnigu Reservoir Enlargement
ot Apportioned to Districts) 2,716,633
tion Not Apportioned to Districts)
Waranga-Western Main Channel Enlargement (Not. Apportioned to Districts)
Main Distributantes
Total Goulburn and Loddon Works
Maffre / Cala Cohama Clanmarraia Decembra / includes Dunandifuna on Dranced Dulancoment 198 898 & 04 Not Annothing
e on rioposed Eminargement, Edo, odo os. od Not. Apportioned
River Murray Agreement Works (Victorian Contributions under River Murray Waters Acts) River Murray Agreement Works—Hume Reservoir Enlargement. &c. (Not Annortioned to Districts)
Mornington Peninsula Waterworks District (exclusive of (a) cost of Distributary Works and Urban Reticulation (b) Tarago Works) (Includes £45,416 13s. 7d. Allowance—East Dandenong Pipe Line—Not Apportioned to Districts) Less Redemption paid to Revenue
Tarago Works Bellarine Peninsula Waterworks District (exclusive of cost of Urban Reticulation) Less Redemption paid to Revenue
Otway Waterworks District (exclusive of cost of Urban Reticulation)
mera/Mallee – Main Channels and Storages inclusive of £118.477 0s. 6d. from Goulburn Works Glenelg River Development Works

Totals at 30th June, 1955.	£ s. 37,398,038 2																				19,153,675 1 4
-	:			s. d.		24 8 4 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		15 2	$\frac{1}{8}$	တ တ တ	_		16 13 11	40		0 00 1 20 1		10 10	က က (11 3	4
	Brought forward	Account.	Total.	સ		$\begin{array}{c} 188,030 \\ 324,442 \\ 200,882 \\ 67,102 \end{array}$			$\frac{40,860}{192,758}$	398,269 494,523	~ ~	_		817,783					827.065	130,345 344,155 1	19,153,675
	Brou	e State	rks.	d.		010010	i~ es	ಣ 1-	10	o o ;	Ξ_{∞}	0 0	<u>'</u> =	40	7	v 🗢	7		70 C	က ယ	=
		by th	y Wo	ź		3 13 7 19 19		3 2 2	- e	ဗောင်			<u> </u>	4.2		_			იი, თ	_ s.	0
		Capital Expenditure borne by the State Account.	Distributary Works	સ		104,508 122,407 119,657 62,101	1.841,040 $386,393$	63,131 36,815	19,153 $114,100$	146,753 246,659	697,768 $2,516,702$	22.561 219.487	204.677 $1,162.547$	817,783	728,055	61,655	221,248	336,568	322,269	104,385 161,233	11,461,515
		1 Expe		d.		1408	_	119	0 0	00	= e	∞ 4		ဗ	oc o	o es	40	10	0.0		, c
		Capita	orks.	z.	<i>7</i> 6	1 10 4 17 5 3 0 16		_	$\begin{array}{cc} 7 & 0 \\ 7 & 14 \end{array}$,	_		00	. e			_			90	0 0
			Headworks	ಎ	DISTRICTS	83.521 202.034 $81,225$ $5,000$	500,500	36,701 57,951	21.707 78,657	251,516 247,864	686,638 897,294	39,419 $166,021$	74,857 $478,912$	840.849	903,940	61.277	294,033	641,140	504,795	25,960 182,922	7,692,160
ued.				\vec{a}	DIS.																
[S—continued		Allotted to		э	SUPPLY	::::	::	::	::	::	::	::	::	: :	:	: :	:	::	•	: :	•
ACCOUNTS		i		d.		11 9 11	۱ ۰ 4	≈ –	ဗ တ	 	<u></u>	x 21		4 9	30 ×		75	> -	20 (ගෙ	4
Q Q		!		»;	WATER	25 4 tt 15 tt		55			_ no	2 x	<u>ლ</u>	4 01	41	$\frac{1}{2}$			က္ ,	16	-
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LOAN CAPITAL		Loan Capital Expenditure.	Distributary Works	.	IRRIGATION	$\begin{array}{c} 104.508 \\ 122.407 \\ 119.657 \\ 62,101 \end{array}$	$\frac{1.841,040}{386,393}$	63,131 36,815	19,153 $114,100$	146,753 246,659	697.768 $2.516,702$	22,561 $219,487$	204,677 $1,162,547$	817,783	728,055	61.655	221.248	336.568	322.269	104.385 161.233	11,461.515
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	-	:	Headworks	⇔		83,521 202,034 81,225 5,000	500,500	36,701 57,951	21.707	251,516 247,864	686,638 897,294	39,419 166.021	74,857 $478,912$	840.849	903,940	61,777	294,033	641,140	504,795	25,960 182,922	7,692,160
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	-	Name of District.				Bacchus Marsh Boort Calivil	Central Crippsiand struction) Cohuna	Deakin Dingee	Fish Point Katandra	Kerang Koondrook	Maffra—Sale Murray Valley	Mystic Park North Shepparton	Nyah Red Cliffs-Merbein	Robinvale (under o	Rodney	South Shepparton	Swan Hill	Tongala-Stanbope	Tragowel Plains	Tresco Werribee	Totals
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UPPLY		•	115,329 116,434 377,993 377,993 116,434 141,148 63,541 141,148 63,541 164,999 164,999 167,993 164,999 167,023
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	Cobuma Corop Dingee Heyfield Leitchville Lockington Macoma Murrabit Red Cliffs Robinvale Stanhope	Totals	Axe Creek
	1. Cohuna 2. Corop 3. Dingee 4. Heyfield 5. Leitchville 6. Lockingtor 7. Macerna 8. Murabit 9. Red Cliffs 10. Robinvale 11. Stanhope		1. Ave Creek 2. Bellarine 1 3. Birchip 4. East Lodd 5. Harcourt 6. Hindmarsk 7. Karkarooc 8. Kerang Na 10. Long Lake 11. Milwa 11. Milwa 12. Normanvil 13. Novstead 14. Normanvil 15. Otwen 17. Sea Lake 18. Tyntynder 17. Sea Lake 18. Tyntynder 19. Tynrell 22. Upper We 22. Upper We 23. Upper We 24. Walpeup 25. Werribee 26. Werribee 26. West Lodd 27. Wester 28. Wimmera 29. Wychifella 30. Wychifella

	Headwork (4.— (5.— (5.— (5.— (5.— (5.— (5.— (5.— (5	Loan Capital Expenditure. S. d. E. S. d. URBAN DISTRICTS 19 2 13.159 8 3 4 7741 16 16 7748 10 6 6 16,556 8 9 7 7781 10 10 10 10 10 10 10 10 10 10 10 10 10	70 Total 16,935 7.00 Total 16,935 7.00 Total 16,935 7.00 Total 16,935 7.00 Total 16,035 7.00 Total 16,	# HE	$\mathbb{Z}_{\mathbb{R}^{3}}$ % $\mathbb{Z}_{\mathbb{R}^{3}}$ $\mathbb{Z}_{\mathbb{R}^{3}}$ $\mathbb{Z}_{\mathbb{R}^{3}}$ $\mathbb{Z}_{\mathbb{R}^{3}}$ $\mathbb{Z}_{\mathbb{R}^{3}}$ $\mathbb{Z}_{\mathbb{R}^{3}}$ $\mathbb{Z}_{\mathbb{R}^{3}}$ $\mathbb{Z}_{\mathbb{R}^{3}}$	STRICTS 1,54 3,748 1,54 12,99 12,99 12,99 18,50 162,50 188,43 138,43 138,43	9 pital Exp	Capital Expenditure borne by the corks. S. d. L. E. S. d. H. E. S. d. 452 17 15.422 16 17.422 16 17.422 16 17.43 19 11.43 19 11.43 19 11.43 19 11.43 19 11.43 19 11.43 19 11.44 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	%ard %ard	64,900 802 6 64,900 802 6 64,900 802 6 64,900 802 6 6 64,900 802 6 6 64,900 802 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
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240,612	21,836 22,995 116,903 7,402 84,376 32,322 9,422	2,569,163	
	 nrsdale 	:	:::::::
Tynong	oint $\Gamma_{\mathcal{L}}$:	:::::::
42. Merngur	53. Officer 54. Ouyen 55. Pakenham 56. Patchewollock 57. Piangil 58. Portarlington 59. Pyramid Hill 60. Quambatook 61. Queenscliff and Point Lonsdale 62. Rainbow 63. Rupanyup 64. Sea Lake 65. Somerville 65. Somerville 66. South Frankston 66. South Frankston 67. Speed 68. Tempy 69. Terang 70. Torquay 71. Ultima 72. Waitchie 73. Walpeup 74. Watchem 75. Werrimull 76. Woornen 77. Woomelang 78. Woornen 79. Wycheproof 79. Wycheproof 79. Wycheproof 79. Wycheproof	Totals	1. Cardinia 2. Kanyapella 3. Lower Koo-wee-rup 4. Loch Garry Fotals

Totals at 30th June, 1956.	£ s. d. 72,239,668 14 8		ı			200	42,634 1 11				9 7 844 89K 14 . R	11 070,110,1		231,643 9 7	. 559,569 4 2	80,918,141 4 10
	Brought forward	ite Account.	Total.	E s. d.	42,634 1 11	42,634 1 11	31,926,980 12 0	a Channel Duplication, Channel Enlargement,		£ 8. d. 4.167,697 2 9	3,676,928 11 9	41,030 3 10	190,613 5 9		:	:
	Brot	Capital Expenditure borne by the State Account.	Distributary Works.	£ s. d.	42,634 1 11	42,634 11	18,339,662 10 1). 2d.; Goulbach-Warang Waranga-Western Main		£ 8. d. 3,340,844 11 10 170,682 8 7	165,401 11 4		x x		:	(pr
d.		Capital Exper	Headworks.	£ 8. d.	:	÷	13,587,318 111	88 38. 3d. (Statement A). Reservoir, £2,716,633 08. 2 Enlargement, £582.750; ‡ SSION.	NG BODIES.	Report for year ties £600 8s. 0d.	s £14,421 6s. 11d.	1948	::		:	Equity in National Debt Sinking Fund)
INTS—continued.		Allotted to	District.	\mathfrak{E} s. d .	RICT.	:	2,957,284 2 0	Pepots, £17.646 11s. 4d. Total, £1,514,988 3s. 3d. 8d. £2,838,542 17s. 10d.: Cairn Curran Reservoir. Penent. £26,826 6s. 8d.; Hame Reservoir Enlargement. (Statement C.)	AND LOCAL GOVERNING BODIES.	(For details see Annual Report for year Grants to Local Authorities £600 8s. 0d.	Grants to Local Authorities £14,421 6s. 11d.	T TRUSTS. Improvement Act	:::	VALLEY.	:	in National De
TAL ACCOUNTS			Total.	£ s. d.	-DRAINAGE DISTRICT	42.634 1 11	34,884,264140	ps and Depots, £17.646 ent Works, £2,838,546 finlargement, £2,6826 finlargement, £26,826 AL SUPERVISIC	1	Loan 951. d.:		MPROVEMEN IV. of the River	::	LATROBE VAI	:	of
LOAN CAPITAL		Loan Capital Expenditure.	Distributary Works.	£ s. d.	$I.{ m DR}_4$	42,634 1 11	19,574,594 3 9	Et1.497,341 IIs IId. Plant Workshops and I isiticts, viz.: Glenelg River Development Works, viz.: Glenelg River Development Works, £29,394 I.5s. vd.; Total, £33.017,708 I.ss. 44 WORKS UNDER GENERAL SI	J.—WATERWORKS TRUSTS	Local Governing 1 ities as at 30th J te Account, £170,08	: Account £150,980	K.—RIVER IMPROVEMENT TRUSTS spursuant to Part IV. of the River Improvement	ate Account .	Γ - Γ	:	enditure (Exclu
		IA	Headworks.	£ s. d.	:	÷	15,309,670 10 3	rtioned to Districts, viz., vi	J.—WATERW	rigation Trust and ts to Local Author Transferred to Sta	Fransferred to State	r Public Authoritie at 30th June, 193	Transferred to Sta Transferred to Sta		:	oan Capital Exp
			Name of District.		1. Carrum	Totals	Totals, Commission's Districts (Statements D, E, F, G, H, and I.)	• Exclusive of Plant and Machinery Suspense Account, £1,497,341 IIs IId. Plant Workshops and Depots, £17.646 IIs. 4d. Total, £1,514,988 3s. 3d. (Statement A). † Exclusive of following Works not apportioned to Districts, viz.: Glenelg River Development, £26,826 6s. 8d.; Hame Reservoir, £2,716,633 0s. 2d.; Goulbarn-Waranga Channel Duplication, £1,407,829 6s. 10d.; Elidon Reservoir Enlargement, £53,441,705 12s. IId.: Glennaggie Reservoir Enlargement, £53,52,750; { Waranga-Western Main Channel Enlargement, £33,026 12s. 3d.; Goulbarn System Enlargement, £532,750; { Waranga-Western Main Channel Enlargement, £33,026 12s. 3d.; UNDER GENERAL SUPERVISION OF COMMISSION.		Waterworks Trusts, First Mildura Irrigation Trust and Local Governing Bodies Amounts Written Off and Free Grants to Local Authorities as at 30th June. 18 1951–52. Under Act 1953, No. 5748, Amounts Transferred to State Account, £170,082 0s. 7	Under Act 1954, No. 5821, Amounts '	River Improvement Trusts and Othe Amounts Borne by State Account as	Under Act 1953, No. 5748, Amounts Transferred to State Account Under Act 1954, No. 5821, Amounts Transferred to State Account		Latrobe Valley Drainage	Grand Total Net Loan Capital Expenditure (Exclusive

1955.	
JUNE,	
30th	
AT	
AS '	
ACCOUNTS	
CAPITAL	
OF LOAN	
OF	
STATEMENT	
SUMMARY	

Capital Expenditure Borne by the State.	£ %. d. 4,404,802 3 4 4,1,268,850 8 11 30,203,682 8 1 127,849 15 7,799,263 1 1 4,215,984 9 4 587,574 2 9 42,634 1 11	9 11 12
At Debit of Authorities and Borne by Districts.	4,818 10 11 4,7157 15 2,535,307 15 11 4	4,478,087 4 3 6 4,167,697 2 9 41,030 3 10 559,569 4 2 9,246,383 15 0 17
Net Loan Capital.	5,925,605 5 7 1,268,850 8 11 30,203,582 8 1 19,153,675 1 4 132,668 6 6 8,215,420 16 3 6,751,292 5 3 5,874 2 9 9 5,874 2 9 9 5,874 2 9	72,282,302 16 7 7,844,625 14 6 231,643 9 7 559,569 4 2 80,918,141 4 10
Deduct Redemption Paid.	£ 8. d. 534,010 16 4 3,818 11 9 520,240 10 5 210,816 2 11 2,985 4 1 96,718 4 4 94,348 8 8 10,638 11 10,638 11 15	14 4 7 1 18 113 3
Total Loan Capital Expenditure.	£ 8. d. 6,459,616 1 111 1,272,669 0 8 30,423,822 18 6 19,364,491 4 3 135,653 10 7 8,313,139 0 7 6,845,640 13 11 598,212 14 7	
Distributary Works.	£ s. d. 11,592,936 0 7 135,653 10 7 3,281,816 18 0 4,258,514 3 5 598,212 14 7	3 19,910,476 3 6
Headworks.	E 8. d. 30,423,822 18 6 7,771,555 3 8 5,031,322 2 7 2,587,126 10 6	45,813,826 15
Capital Works and Charges and State Works of Water Supply.	£ 8. d. 6.459,616 1.11 1,272,669 0 8	7,732,285 2 7
Works.	Capital Works and Charges State Works of Water Supply Headworks Costs not yet apportioned Irrigation and Water Supply Districts, inclusive of Headworks Costs Urban Divisions of Irrigation Districts Waterworks Districts, inclusive of Headworks Costs Urban Divisions of Waterworks Districts Urban Districts of Waterworks Districts, inclusive of Headworks Costs Flood Protection Districts	Prainage District Total Works under control of Commission Waterworks Trusts and Local Governing Bodies River Improvement Trusts Latrobe Valley Drainage
Reference to Preceding Statements.	A B D A B B B F F	. r X 7

Note.—District Headworks Costs formerly included in Item "C" are now shown in Items "D," "F," and "G."

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, 1955.

Net Loan Liability as per Treasurer's Finance Statement (page 79)	£ %, d. 75,099,648 1 11 90,926 14 11	8. s. d. 9,244,520 3 7	£ 8.5.855,127 18 4 90,926 14 11
Cost of Geolong Works. "Finance" (page 80)	134,034 4 3	:	134,034 4 3
Agreement Act 1927, No. 3554, as amended by Act No. 5031, 1944. "Finance" (Page 79). (These amounts not credited to Districts and Works excepting recoup contributions shown below). National Debt Sinking Fund contributions in respect of Geolong Works. "Finance" (Page 80)	$6.274,434 9 2 \\ 30,153 3 11$	9 0 618,217	5,561,515 8 5 30,153 3 11
	81,629,196 14 2	9,957,439 4 4	71,671,757 9 10
	711,055 9 4	711.055 9 4	
Totals of amounts at debit of Authorities and Districts and the Capital Expenditure Borne by the State Account in the books of the Commission	80,918,141 4 10	9,246,383 15 0	71,671,757 9 10

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, 1955.

Year ende		Total Expenditure under Water Supply Loans Application Acts. Progressive Total					ly	Commi	ssioù	fron	Expenditure b Unemployme Funds.	ent		Water St	ıpply	Loa	xpenditure un ns Application syment Relief	Acts
30th Jun	e.	During '	Year,		Progressive at Close of			During 1	Year.		Progressive at Close of			During	Year		Progressive at Close of	
	;	£	s,	d.	£	ж.	d.	£	х.	d.	\mathfrak{C}	8.	d.	£	8.	d.	£	s. d
906					5,885,066	12	4a										5,885,066	12 4
907		161,346	7	4	6,046,412	19	8							161,346	7	4	6,046,412	
908		276,582	17	0	5,881,843	15	0b							276,582	17	0	5,881,843	15 (
909		313,615	11	3	6,195,459	6	3c							313,615	- 11	3	6,195,459	6 3
910		286,823	8	3	6,482,282	14	6 -							286,823	8	3	6,482,282	14 6
911		311,709	7	4	6,793,992	1	10 .							311,709	7	4	6,793,992	1 10
912	!	259,281	()	11	7,053,273	2	9							259,281	0	11	7,053,273	2 9
913		267,560	1	11	7,320,833	4	8							267,560		11	7,320,833	4 8
914		229,126	17	0	7,549,960	l	8							229,126	17	0	7,549,960	1 8
915		304,766	9	9	7,854,726	Π	5							304,766		9	7,854,726	
916		347,134		5	8,201,861		10							347,134		5	8,201,861	9 10
917		302,893		7	8,504,755	1	5							302,893		7	8,504,755	1 5
918		302,954		7		16	0							302,954		7	8,807,709	16 (
919		412,267	8	3	9,219,977	4	3							412,267		3	9,219,977	4 3
920		570,028	2	4	9,790,005	6	7							570,028		4	9,790,005	6 7
921		692,658		ī	10,482,664	Ü	8							692,658		î	10,482,664	0 8
922		968,047	8	$\hat{8}$	11,450,711	9	4							968,047		8	11,450,711	9 4
923		1,210,484	8	9		18	i							1,210,484		9	12,661,195	18 1
924		1,415,109	ĩ	5		19	6 .							1,415,109		5	14,076,304	
925	i	1,471,566	4	7	15,547,871	4	i							1,471,566		7	15,547,871	4 l
926		1,521,533	5	9	17,069,404		10				. ,			1,521,533		9	17,069,404	9 10
927		1,541,900	16	9	18,611,305	6	7							1.541.900		9	18,611,305	6 7
928	• • •		15	9	20,403,713	2	4							1,792,407		9	20,403,713	$\frac{0}{2}$
0.24	• •	1,516,022	14	3		$1\tilde{6}$	7							1,516,022		3	21,919,735	
929 9 3 0	• •	1,208,567			23,128,303	9	ί				• • •			1,310,022				
	• •		5	$\frac{6}{2}$	23,824,449		3				142,703	()	0d			6	23,128,303	$\frac{9}{14}$ $\frac{1}{9}$
931 932		696,146		7				2,745	Δ	()	142,703	0		838,849		2	23,967,152	
	• •	351,118			24,175,568		10		0	0.		-	0 :	353,863		7	24,321,016	9 10
933	• • •	488,072	.7	9	24,663,640		7	138,281	0	0 :	283,729	0	0	626,353	7	9	24,947,369	
934		315,870		7		12	2	209,284	0	0 :	493,013	0	0	525,154		7	25,472,524	
935	• • ;	260,736	3	5		15	7	325,340	0	0 1	818,353	0	0	586,076		5	, ,	15 7
936	• •	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
937	• • •	360,791				18	7 .	350,993	0	0	1,541,212	0	0 :	711,784		10		18 7
938	• •	353,606	5	5	26,240,119	4	0	358,550	0	0 ;	1,899,762	0	0 :	712,156		5	28,139,881	4 0
939	• • •	582,327	3	5	26,822,446	7	<u>5</u>	411,803	0	0	2,311,565	0	0	994,130	.3	5	29,134,011	7 5
940	1	426,824		. 9	27,249,271	4	2	289,764	0	0	2,601,329	0	0.	716,588		9	29,850,600	4 2
941	• • •	471,36 9		11	, .,	11	1	218,141	0	0	2,819,470	0	0	689,510	6	11	30,540,110	
9 4 2		274,845	7	0	27,995,485		l	40,805	0	0	2,860,275	0	0	315,650	7	0	30,855,760	
943		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
944	!	143,177		6		10	7				2,860,747	()	()	143,177	10	6 :	31,074,889	
945		315,729	1	0][7				2,860,747	0	0.	315,729	1	0	, ,	11 7
946		432,905	12	8	28,962,777	4	3				2,860,747	0	0 .	432,905	12	8	31,823,524	4 3
947		1,466,121	15	3	30,428,898	19	6				2,860,747	()	0 :	1,466,121	15	3	33,289,645	19 6
948		1,893,165	- 1	2	32,322,064	0	8				2,860,747	()	0 i	1,893,165	1	2	35,182,811	0 8
949	;	2,251,873	9	П		10	7				2,860,747	()	0	2,251,873	9	11	37,434,684	
950	!	4,149,500	16	4	38,723,438	6	H				2,860,747	()	0	4,149,500		4	41,584,185	6 11
951		7,124,902	5	7		12	6 ;				2,860,747	0	0	7,124,902	5	7		12 6
952		10,619,672	2	5			IJ.				2,860,747	0	0	10,619,672	2	5	59,328,759	14 11
953		6,919,911		10		18	9				2,860,747	0	ŏ	6,919,911	$\bar{3}$	10	,	18 9
954		8,475,565	$\tilde{5}$	9	71,863,489	4	6				2,860,747	ő	0	8,475,565	5	9.	74,724,236	4 6
955		9,177,831	8	6	81,041,320		ŏ				2,860,747	ö	o i	9,177.831	8		83,902,067	

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

⁽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.

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.

Capital Expenditure on Works of Country Water Supply as at 30th June, 1955.

RECONCILIATION STATEMENTS.

(a) Loan.

	(x) boxs.							
Net Loan Cap	oital as per A	nnual R	eport.			6		.,
						£		d.
Total Loan Expenditure (Finance page 79) Add—			• •	 £	s, d .	81,041,320	13	()
Discount and Expenses Less Premiums Count	ry Water Suj	ply (Fi						
page 79)		• •		1,639,921	3 5			
Loan Liability Geelong Works (Finance page				164,187	8 2			
Expenditure from Treasurer's Advance				90,926	14 11	1,895,035	6	6
						82,936,355	19	 6
Less —						, ,		
Redemption -	7())			1 007 150				
State Loans Repayment Fund, &c. (Finan		· ·		1,307,159				
Paid to Consolidated Revenue (Annual Re	eport page 12	7)	• •	711,055	9 4	2,018,214	14	8
						80,918,141	4	10
Net Loan Capital as per Annual Report						80,918,141	4	10
T								
					•			
(b) Unempi	OYMENT REL	EF FUN	DS.			£		d
E-manditum from Unanvalorment Deliaf Torration	Daniel.							
Expenditure from Unemployment Relief Taxation Unemployment Relief Loan Funds ("Finance, 194:						314,362		0
	•					2,788,118		0
Commonwealth State Joint Loan Fund (Winter Re Commonwealth Grants (Flood Restoration)	elief)					85,012 43,558		0
	Cannail Alla	4:	e≠ls Wa	l. m. s a m. s = 1 (119			
Total expenditure in accordance with Employment Deduct Maintenance Expenditure	Council Allo		oth re	ornary, 1: 	140	3,231,050 370,303	()	
Capital Expenditure from Unemployment Relief Fu	inde as abov	0				2,860,747		
Capital Expenditure from Chemptoyment Refer 13	ands, as abov	(*				2,000,141		
STATEMENT OF CAPITAL EXPENDITURE	on Works	of Cou	NTRY S	EWERAGE	Астно			
						ŗ		d.
Expenditure as at 30th June, 1954						304,729	6	7
Expenditure, 1954-55				\mathfrak{L}	s. d.			
Act 5746	• •			231,239	6 5	231,239	6	5
Total as at 30th June, 1955						535,968		
Expenditure at Debit of Authorities		hu tho	·· Stata	 Vaannat		501,532		
Amounts transferred by Order in Council to Expe	neuture Dorne	ny the	scate	Account		34,436	-2	10
						535,968	13	0

ESTIMATES 1955-56.

PROPOSED DISBURSEMENTS.

Amount Provided in Budget.	Estimated Requirements.						—			
£	£									
55,600	55,600									Coliban Works
651,800	755,800					ets	· Distric	nd Drainage	pply and	Irrigation, Water Sup
305,000	308,600									Waterworks Districts
45,000	50,000	• •				ets	e Distric	m Drainage	l Carrun	Flood Protection and
1,385,800	1,385,800					⁄ees*	Employ	Temporary	t and I	Salaries of Permanent
320,000	350,000	!							*	General Expenditure*
75,000	120,000				••		• •		ift	Removal of Sand Dri
55,000	70,000						State	ribution by	Contri	River Murray Works-
74,000	100,000									Pay-Roll Tax
600	600	iction	e a Redu	o enable	Bodies t					Subsidies to Waterwo of $33\frac{1}{3}$ per cent. to
2,967,800	3,196,400					ly	er Supp	otalsWate	То	
6,000	8,000	inued	eing cont	orks is b	sion of w	e suspen	ies wher	ge Authoriti	Sewerag	Assistance to certain S
40,000	42,000	bility	apital lia	aid on c	nterest p	ere the i				Subsidies to Sewerage is in excess of the
	18,000	of the	g costs o	operatin	eting the	ards mee	ust towa	rigation Tru	dura Irr	Subsidy to First Mild Trust
3,013,800	3,264,400									

^{*} To be apportioned over the above Districts.

ESTIMATED RECEIPTS.

_									Amount Provided in Budget.
									£
Coliban Works							. ,		100,000
Irrigation, Water Supply									960,000
									580,000
Flood Protection and Ca	rrum Drainage Distri	cts							32,000
Other									163,000
Recoup on account of a	mounts paid from R	evenue	in com	nexion v	vith River	Murray	Commi	ssion,	
Loan Works, &c.						• •			690,000
All (* 41D * 4	4	D. 1	4.*						2,525,000
Add estimated Receipts								1	150 200
	and other Corporation			• •	• •	• •	• •	• •	170,200
Plant and Machinery	z, and Land .	•	• •	• •	• •		• •	• •	49,850
	Totals-Water Supp	alv							2,745,050

Estimated amount available from Revenues of Commission-

[&]quot;Paying" Districts to meet Interest .. £64,000.

CONTRACTS.

STATEMENT OF CONTRACTS ENTERED INTO DURING THE YEAR ENDED 30TH JUNE, 1955.

No.	Name of Contractor.		Work and Supply.	Amount.	
					£
3345	Humes Ltd			Supply of concrete pipes: Bellarine Peninsula	35,785
3346	Roela Pipes Ltd			Supply of concrete pipes: Bellarine Peninsula	103,300
3347	Marfleet and Weight Ltd.		. ,	Supply regulating valves: Rocklands and Malmsbury	9,264
3348	J. A. Stone			Erection of residence: Koondrook	2,865
3349	John Holland and Co. Pty. Ltd.			Construction of concrete bridges: Goulburn-Waranga	28,600
3350	Marrows and Fletcher			Clearing timber from Reservoir Area: Eildon	4,370
3351	Roche Bros. Ptv. Ltd.			Enlargement of Wurdee Boluc Reservoir: Bellarine	108,838
3352	Humes Ltd			Peninsula Supply of concrete pipes: Mornington Peninsula	23,583
3353	Rocla Pipes Ltd			Supply of concrete pipes: Mornington Peninsula	23,083
3354	Thiess Bros. (Vic.) Pty. Ltd.			EarthworksWurdee Boluc Inlet Channel: Bellarine	85,402
3355	A. E. Seidel			Peninsula Erection of general Store: Tallangatta	23,458
3356	Dowsett Engineering (Aust.) Pty.	. Ltd		Construction of embankments: Tallangatta	200,040
3357	A. J. Warry			Erection of residence: Maffra-Sale	2,911
3358	K. A. McMahon		. :	Modification of bridges-Wurdee Boluc Inlet Channel:	6,252
3359	Utah Australia Ltd			Bellarine Peninsula Completion of Cairn Curran Dam: Cairn Curran	600,000
3360	A. B. and M. A. Chiek			Erection of butter factory: Tallangatta	28,280
3361	Food Machinery (Aust.) Ltd.			Supply of gate structures: Torrumbarry	20,850
3362	A. B. and M. A. Chiek			Erection of garage and service station: Tallangatta	5,885
3363	Humes Ltd			Supply of steel pipes: Cairn Curran	11,438
3364	Holloway Bros. and Jankovic			Erection of Shire Offices: Tallangatta	19,540
3365	Humes Ltd			Supply of concrete pipes: Tarago	92,707
					1,436,451

APPENDIX A.

STATE RIVERS AND WATER SUPPLY COMMISSION. IRRIGATION SYSTEMS.

RETURN OF WATER DELIVERED-YEAR 1954-55.

				Water	Gross Supply at	70 4 1	Use	ers in Distr	rict.				***
District				Assignment Measured at District Boundary.	District Offtakes (excluding volumes passed to other Districts).	Total Water Rights Allotted to District.	Under	Sales of Water,	Domestic and Stock Purposes.	District.	Users Outside District from District Channels.		Users Outside District from Main Channels
GOULBURN SYSTEM-							C		C	*	·	Ct	
(Main Eastern				acre feet.	acre feet.	i			ı				acre teet.
Shepparton				12,000 51,000 44,000 13,000	6,971 30,413 (c) 39,900 12,404	4,491 21,036 13,199 7,327	3,717 $16,574$ $10,566$ $6,253$	1,580 1,832 5,080 2,230	247 269 707 221	5,544 18,675 16,353 8,704	20 110 614	5,564 18,785 16,353 9,318	69
Totals				120,000	89,688	46,053	37,110	10,722	1,444	49,276	744	50,020	69
(Waranga Re	servoir.)						<u></u>			}			
Tongala-Stanhope Deakin	on water ding Lod on water don water g Loddon	don wat) er) 1 water)		232,000 116,000 23,000 147,000 9,000 21,000 97,000 35,000 (i) (i)	184.305 101,674 11,254 124,942 6,723 19,758 100,679 38,734 470 1,312 5,069	60,910 48,037 5,698 57,466 4,447 6,505 31,214 11,335	56,244 45,285 4,911 54,917 4,385 6,230 30,702 10.554	(b) 31,075 12,241 2,688 25,583 1,226 6,307 19,111 10,073 102 1,099	4,509 2,080 512 3,287 256 664 2,209 860 238 192 448	91,828 59,606 8,111 83,787 5,867 13,201 52,022 21,487 340 1,291 448	(a) 552 1.404 (b) 50 806 (b) 12	92,380 59,606 8,111 85,191 5,867 13,201 52,072 22,293 340 1,303 448	103 12
Totals				680,000	594,920	225,612	213,228	109,505	15,255	337,988	2,824	340,812	3,272
Goulburn Grav	d $Totals$		٠,	800,000	684,608	271,665	250,338	(f)120,227	16,699	387,264	3,568	390,832	3,341
MURRAY SYSTEM													
• •	••			196,000	(d)214,260	89,816	72,019	(y) 47,454	2,445	121,918	216	122,134	
(Torrumbarry	Weir.)			122,000	126,622	49,362	45,947	12,442	1,747	60,136	211	60,347	İ
Koondrook				70,000	78,650 62,307	24,622 21,449	24,386 21,407	10,994 12,239	1,023 1,558	36,403 35,204	78 278	36,481 35,482	
Third Lake				6,000	8,924	2,513 2,754	2,390 2,434	784	66	3,240	19	3,259	
Tresco		::		7,000 8,000	6,009 4,705	4,094	2.541	287 251	12 ₇₀	2,733 2,792	75	2,808 2,792	
Swan Hill				5,000 63,000	2,693 50,404	1,845 25,868	1,793 24,096	554 ×.047	70 772	$\frac{2,417}{32,915}$	252	2,417 $33,167$	
Pental Island Private Kerang Private Divers	Diversion	18							• •				5,546 1,695
Kerang North-West Lal	es Privat	e Divers	ions			١.,.] ::						7,211
Kerang North-West Lak Upper Gunbower Creek Lower Gunbower Creek	k Private	Divers Divers	ions			: :				: .:			5,727 7,248
Taylor's Creek Private Kow Swamp Private 1	Diversio	nis					!						1,496 2,417
Pyramid Creek Private							_ ::						3,858
Torrumbarry	Weir Tota	uls		352,000	340,314	132,507	124,994	(1/)45,598	5,248	175,840	913	176,753	35,198
(Pumped from Ri	rer Muri	ay.)		12,000	10,031	7.180	7.180	749	214	8,143	203	8,346	
Robinvale				21,000 50,000	11,310 36,268	10,779 34,169	8,062 27,744	782		8,062	(6) 207	8,062 28,733	::
Red Cliffs Merbein				33,000	26,946	23,708	19,638	1,015	! ::	20,653	(0) 201	20,653	::
Totals				106,000	84,555	75,836	62,624	2,546	214	65,384	410	65,794	
Murray Grano	l Totals			654.000	639,129	298,159	259,637	95,598	7,907	363,142	1,539	364,681	35,198
CAMPASPE SYSTEM— Coliban Campaspe				(i)	25,586 3,215			(e) 9,072 1,318	(b) 8,749 155	17,821 1,473	116	17,821 1,589	::
Totals					28,801			10,390	8,904	19,294	116	19,410	
Werribee System													
Bacchus Marsh				(i) 12,000	6,001 14,571	3,302 8.150	3,033 6,380	1,033	153	4,219	(h) 688 284	4,907	
Werribee Totals			• •	12,000	20,572	11,452	9,413	1,410	153	10,976	972	7,041	· · ·
MACALISTER SYSTEM				12,000				- 1.320	100	10,070	712	- 11,948	
Maffra–Sale Central Gippsland				(i) (i)	56,711 13,578	25,766 9,128	24,724 3,679	5.241 4,125	18J 21	30,146 7,825	385 11	30,531 7,836	
Totals					70,289	34,894	28,403	9,366	202	37,971	396	38,367	
WIMMERA SYSTEM— Quantong, Riverside,			ď¢,		10,600	:	ļ	5,863		5,863		5,863	
PRIVATE DIVERSIONS (not	included	above)					· · · · · · · · · · · · · · · · · · ·					· <u>··</u>	160,000
Totals				1.466,000	1.453,999	616,170	547,891	242,854	33,865	824,510	6.591	831,101	198,539
FIRST MILDURA IRRIGATION	TRUST		٠.	(i)	43,824	47,058	33,170	7,381	150	40,701	. 92	40,793	
GRAND TOTAL	,s			(j)1,466,000	1,497,823	663,228	580,961	250,235	34,015	865,211	6,683	871,894	198,539

⁽a) Includes Waterworks Trust. (b) Includes Urban Districts. (c) Includes 3.250 acre feet outfall to Broken Creek. (d) Includes 12,201 acre feet outfall to Broken Creek. (e) Includes 462 acre feet for mining. (f) Includes 39,316 acre feet Supplementary Sales and 11,538 acre feet "Out of Season" Sales. (g) Includes 17,925 acre feet Supplementary Sales and 4,572 acre feet "Out of Season" Sales. (i) Not expressed in acre feet. (j) Not including Campaspe, Bacchus Marsh, Maffra-Sale, Central Gippsland, Mildura, Loddon, East Loddon and West Loddon.

APPENDIX B.

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 1954-55.

	cts in	ricts	lud- r et).	 		rea Irri	gated, in	cluding L	ands adje	oining a I	district,	in Acres		
	of n Distri	ified a rithin i Dist	hts od (inc Wate ore-Fe	1		rown	uat pps.	1	Pasture	s.			1	1 ous.
Name of District.	Total Area of Holdings in Irrigation Districts Acres.	Area classified as frrigable within Constituted Districts in Acres.	Water Rights Apportioned (including Extra Water Rights) (Acre-Feet).	Total.	Cereals.	Lucerne Grown for Pasture and Hay.	Sorghum and Other Annual Fodder Crops.	Native.	Annual.	Peren- nial.	Vineyards.	Orchards.	Market Gardens.	Fallow and Miscellaneous.
GOULBURN SYSTEM.				:	•		1				1			!
Katandra North Shepparton Shepparton South Shepparton Rodney Tongala Stanhope Rochester Dingee Calivil Tragowel Plains Deakin Boort*	13,964 124,412 24,165 33,749 273,756 76,169 182,217 8,826 61,132 218,453 160,775 80,212	11,183 61,429 21,033 17,919 190,250 47,606 56,997 4,447 4,447 148,863 21,204 56,530	7,327 13,199 21,036 4,491 60,910 48,037 57,466 4,447 6,505 31,214 5,698 11,335	6,739 22,270 16,910 8,727 103,692 43,662 73,214 4,368 13,883 58,867 9,325 18,125	146 55 978 141 1,001 1,007 8,665 170 2,444	56 878 227 706 13,563 1,060 2,736 338 416 380 572	137 49 96 969 80 130 130 238 3,717 79 963	20 599 298 375 1.528 150 3,000 20 1,769 11,665 114 3,587	1,595 16,596 2,176 5,590 55,603 16,092 32,344 990 6,693 29,852 5,084 8,853	5,062 3,769 4,609 1,760 21,502 24,459 32,472 3,247 3,247 1,884 3,489 549	103 214 7 6 6 2 7 13	43 7,861 42 8,194 1,404 842	101 1.376 158 1.124 555 138 146 3	156 17 214 545 71 2,652 1,157
Totals	1,257,830	669,993	271,665	379,782	14,716	20,932	6,464	23,125	181,468	106,516	353	18,386	3,010	4,812
RIVER MURRAY SYSTEM. (a) Terrumbarry Weir. Cohuma Koondrook Swan Hill Third Lake Mystic Park Tresco Fish Point Kerang Kerang North-West Lakes Private Diversions	\$5,576 88,168 37,163 11,483 19,259 4,650 6,327 88,579 36,381	44,737 24,572 22,248 3,771 8,039 2,047 3,756 55,562	49,362 24,622 25,868 2,513 2,754 4,094 1,845 21,449	58,954 42,953 22,741 3,692 5,705 1,552 2,772 38,273 6,130 26,455	966 2.324 801 406 1,087 55 148 2,559 804 1.162	567 759 1,479 88 61 10 81 889 222 1,278	289 894 (30 27 71 112 1,070 165 607	11,718 6,349 2,216 108 1,210 24 1,018 9,722 940 2,882	14,259 26,222 5,792 2,962 2,347 1,233 18,205 3,537 13,560	30,490 4,435 6,762 98 381 7 168 4,478 6,560	17 10 4,338 16 1,171 12 53 191	806 195 3 16 276	7 60 588 23 9	641 1,094 440 493 1,350 60 143
Totals	377,586	164,732	132,507	209,227	10,312	5,434	3,365	36,187	88,117	53,379	5,808	1,696	708	4,221
(b) Yarrawonga Weir. Murray Valley	267,069	192,621	89,815	85,933	789	15,992	602	2,192	43,540	18,853	60	3,388	513	4
(c) Direct from River by Pumping. Nyah Red Cliffs Morbein Robinvale	3,843 13,607 9,215 8,669	2,616 11,276 7,656 4,312	7,180 34,169 23,708 10,779	2,936 11,645 8,351 3,141	113	70 50 50	74 37 155	30	86	70	2,359 10,916 7,280 2,876	92 495 712 265	42 137 51	
Totals	35,334	25,860	75,836	26,073	113	170	266	53	166	80	23,431	1,564	230	
(d) First Mildura Trust District.	45,000	15,000	ļ	13,418		211	230	.,			12,000	977		
Total (River Murray Systems)	724,989	398.213	298,158	334,651	11,214	21,807	4,463	38,432	131,823	72,312	41,299	7,625	1,451	4,225
LODDON AND OTHER NORTHERN SYSTEMS.														
Boort* East Loddon Loddon West Loddon Coliban Campaspe Western Wimmera Wimmera United	19,736	10,970 3,785 172		12,843 1,288 99 6,602 7,855 1,721 3,539 139	1.419 62 30 576 46 537	102 223 368 284 202 347 52	768	2.209 97 366 820 720	6.952 906 69 278 325 9	2.658 188 2.014 87	7	3,050	665 288	945
Totals	19,736	14,927		34,086	2,670	1,578	797	4,212	8,539	5,395	7	3.925	953	6.010
SOUTHERN SYSTEMS. Bacchus Marsh Werribee	6,744 9,698 72,916 58,508	3,300 8,149 27,174 11,954	3.302 8,150 25,766 9,128	3,042 7,866 24,697 6,617 1,544 105	15 31 53	316 552 466 318	164 152 38	420 440	426 567	1,511 2,527 23,609 5,640		198 364	484 3,192 13 1 1.185 75	98 627 359
Totals	147,866	50,577	46,346	43,871	99	1,682	354	860	993	33,287		562	4,950	1,084
PRIVATE DIVERSIONS. Other Private Diversions throughout the State				71,173	3,200	5,194	1,894	8,079	22,242	13,428	3,526	5,179	4,305	4,126
Grand Totals 1954-55	2,150,421	1,133,710	616,169	863,563	31,899	51,193	13,972	74,706	345,065	230,938	45,165	35,677		20,257
Grand Totals 1953-54	2.146,622	1,121,683	602,852	821,025	32,074	48,516	9,667	89,414	313.890	209,117	44,458	36 398	13 607	23,884

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

(B) Comparative Statement of the Extent of Irrigation—1950 51 to 1954 55.

			:	Area under Irrigation (Acres).								
Source of S	Supply.	 	i i	1950-51.	1951–52.	1952–53.	1953-54.	1954-55•				
Goulburn System River Murray System Loddon and Other Northern Syst Southern Systems Private Diversions	ems	 		343,903 276,454 15,769 32,401 47,524	339,356 277,817 16,516 37,690 52,418	353,256 298,143 16,760 38,464 48,407	363,556 327,476 25,832 40,979 63,182	379,782 334,651 34,086 43,871 71,173				
Totals	٠.	 	!	716.051	723,797	755,030	821,025	863,563				
		 			- 11							

APPENDIX C.

DOMESTIC AND STOCK SYSTEMS.

Return of water delivered to Waterworks Districts during waterings in year 1954–55, measurements being made at Headworks or at Pumping Stations.

	District	s.			:	Quantity.	Total.
				 		Acre feet.	Acre feet.
immera-Mallee System— Wimmera River and Storages Loddon and Goulburn Water				 		85,630 18,900	
River Murray (Nyah Pump)				 	_		104,530*
Normanville (Loddon and Goulbi	urn)			 		3,122	3,122
iver Murray— Millewa (Cullulleraine Pump)				 		8,991	!
Tyntynder North (Robinvale Pu				 		1,144	ĺ
Millewa (Yelta Area)				 		1,269	
Millewa (Carwarp Area)				 		1,984	13,388
		Gı	rand Total	 			121,040

^{*} Detailed statement of Wimmera-Mallee System hereunder.

WIMMERA-MALLEE DOMESTIC AND STOCK SUPPLY SYSTEM.

WATER SUPPLIED FROM HEADWORKS.

Υ.	еаг.	Lake Lonsdale and Fyans Lake. Acre Feet, Gauged at Lake Lonsdale.	Wimmera River. Acre Feet, Gauged at Glenorchy.	Taylor's, 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 Wartook. Inches.	Rainfall. Hopetoun. Inches.
1951		.14,664	8,218	35,305		17,161	75,348	42 49	12 · 19
1952		6,550	19,182	31,333		13,495	70,560	44 · 95	16.10
1953		9,555	17,681	29,661		18,940	75,837	42.24	13 87
1954		28,243	8,650	48,737	• •	18,900	104,530	31.27	15.43

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.
1951-52	 	 	 	 	 2,834	8,299
1952-53	 	 	 	 	 3,180	8,249
1953–54	 	 	 	 	 3,812	7,624
1954-55	 	 	 	 	 3,677	11,322

APPENDIX D.

District.		Year.	Commenced.	Completed.	Days.
		1952	27.3.52	15.10.52	203
Wimmera-Mallee	{	1953	25.4.53	16.10.53	175
		1954	26.4.54	22.12.54	240*
	ſ	1952	14.7.52	25.8.52	43
Cyntynder North (late Coreena)		1953	6.7.53	13.8.53	38
	L	1954	15.7.54	18.8.54	35
,	(1952	2.6.52	25.8.52	85
Millewa		1953	1.6.53	20.8.53	81
		1954	2.7.54	7.9.54	67
		1952	14.7.52	15.8.52	31
Carwarp		1953	14.7.53	9.8.53	27
		1954	22.7.54	15.8.54	25
	ſ		3.9.52	19.9.52	
		1952	3.11.52	21.11.52	36
Yelta		1953	2.9.53	25.9.53	24
		1954	18.9.54	7.10.54	20

[•] Note.—Watering delayed because of intercuption to flow in Waranga Western Channel.

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 1950 51:-

	lu lu	flow to Stora	ges,	1			···	
Year.	From Coliban River.	Through Ashbourne Diversion Channel from Campaspe River to Coliban River.	. Total.	Output from Storages.	Delivered to Users.	Percentage Efficiency.	Remarks.	·
	acre feet.	acre fect.	acre feet.	acre feet.	acre feet.		Water run in—	
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	
1952-53	98,193	3,074	101,267	27,111	18,219	67	Whole system	
1953-54	61,882	741	62,623	28,237	18,799	67	Whole system	
1954–55	45,933	. 664	46,597	25,586	17,821	70	Whole system	

APPENDIX F.

STORAGES.

In 1902 the capacity of storages in Victoria exclusive of those for the service of the Melbourne and metropolitan area was 172,000 acre feet. The present capacity of the storages under the Commission's direct control is 4,808,950 acre feet.

When the storages at present under construction are completed the combined capacities of the storages under the control of the Commission will be 5,535,950 acre feet.

Elidon (109,000 acre feet below gravitation level)	with the Court on									Reduced Level.	Capac	city.
Gouldum Weir (8,000 acre feet below gravitation level 508-00 325,00 33,100	maourn system-		-							Feet.	Acre feet.	Acre fee
Capacity Capacity	Goulburn Weir (8	3,000 acre fe	et below g	ravitati	on level)					408.00	$2.750,000 \\ 20,700 \\ 333,400$	2 101 11
Hamile Reservoir 1.382,000 Rivor Mirray Works 253,000 Company 280,000 Rivor Mirray Works 253,000 Company 253,000 Rivor Mirray Works 253,000 Rivor Mirray	Lumman Inddon Curl											0,104,10
Tormubarry 28,000 filter Mirray Works 25.00 fc 20.420	Hume Reservoir			1,3	82,000		1		ſ	$610 \cdot 00 \ (a)$	7	
Mildura 29,360 16,00 16 16 10 10 10 10 10	Torrumbarry	::			28,900		River	Murray W	orks	285 00 (c)	802,420	
Wentworth					29,360		Half sh	are to Vic	toria j	$116 \cdot 00 \ (c)$		
Now Swamp	Wentworth						J		j	104 · 15 (c)	J	
Cerus North-West Lakes Thirth, Middle, Received Californ	Kow Swamp									272 · 00 527 · 00		
Kanagaroo, Raccouries, Charm. \$42,100 acre feet below gravitation level: \$21,00 acre feet below gravitation level: \$10,00 acre feet below gravitation gravitation gravitation gravitation gravitation gravitation gravitation gravitation gravitation gravitation gravitation gravitation	Kerang North-Wo	st Lakes					• •	• • •			``	
Lake Boga (23.75) acre feet below gravitation level	Kangaroo, R		narm $\left. \left. \left. \left\langle 42. \right\rangle \right. \right. \right.$	100 acr	e feet bele	ow gran	ditation 1	evel)	{	241 · 00	69,400	
Social Content	Lake Boga (23.75								٠. ر	. 226 - 50	29,650	
					• •		• •			101.00		950,6
Toolounde										644 - 00	272.000	
Like Lonsdale (1.600 acre feet below gravitation level)	Toolondo									538 : 00	60,000	
Pine Lake (19,700 acre feet below gravitation level)	Lake Longdale (1	600 acre fee	et below en	avitatio	an level)					618 25	53,300	
Pine Lake (19,700 acre feet below gravitation level)	Wartook (700 act Taylors Lake (1.	re fe e t below 500 aere feet	/ gravitatio below gra	n level vitation) i level)							
Moora (200 acce feet below gravitation level)	Pine Lake (19,70)	0 acre feet l	elow gravi	itation	leve])					475·00		
Lower Winners Weis 102-00 5,000 1,300	Dock Lake									142.00	4.800	
Lake Whitton	Lower Wimmera	Weirs		iever:						·	2,870	
Township Reservoirs and Malice Tanks 5,030 758										· // //		
### ### ##############################	Township Reserv	oirs and Ma	llee Tanks									538,9
Service Basins (Stratford, Heyfield) 40 100	affra-Sale System -									211.00	106 000	300,
1.652 - 60	Service Basins (S	tratford, He	yfield)	::								100 (
Lairiston												100,0
Mainsbury 1,470 observed 1,400 obs	Lauriston									$1.574 \cdot 20$	16,000	
Subsidiary Reservoirs 4,630 630 67										1,477 · 00 899 · 00	$\frac{14,400}{2,000}$	
Pykes Creek 1.306 00 19,100 273 00 15,500 34 34 34 34 34 34 34		voirs									4,630	62,
Melton										1.306.00	19 (00	,
Description Control												0.1
Beaconstield												34,9
Prankston 255-00 660 Momington 244+00 266 Bittern 250-00 480 260 Bittern 250-00 480 26										340.00		
Bittern 250-00	Frankston									299 (00	660	
### System Service Basins Service Basins Savice	Bittern .									$250 \cdot 00$	480	
Service Basins Section											200	5,
Eppalock 238-00 1,200	ray System Service Basins .											1,
Eppalock 238-00 1,200												
Herburn's Lagoon Little River Weir Other	Eppalock											
Total Capacity of Existing Storages	Hepburn's Lagoo									696 - 60	1.730	
Total Capacity of Existing Storages ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF CONSTRUCTION. Cairn Curray-Loddon System Cairn Curran Cairn Curran Cairn Curran ON THE RESPECTIVE SPILLWAYS. Coffeet Sale System—Glemmaggie to 154,000 acre feet (half share to Victoria)												4,
ADDITIONAL STORAGE BEING PROVIDED BY WORKS IN COURSE OF CONSTRUCTION. 684-50 120 JRTHER STORAGE WHICH WILL BE PROVIDED WHEN GATES ARE INSTALLED ON THE RESPECTIVE SPILLWAYS. affra-Sale System—Glemnaggie to 154,000 acre feet		Total Core	aitu as E.:	iotima O	taraces							
CONSTRUCTION.			-		_							4,808,
Caira Curray - Loddon System - Caira Curran	ADDITIONAL	. STORAGE				ORKS	IN COA	KSE OF				
URTHER STORAGE WHICH WILL BE PROVIDED WHEN GATES ARE INSTALLED ON THE RESPECTIVE SPILLWAYS. Laffra: Sale System— Glenmaggie to 154,000 acre feet										684 - 50		120,0
taffra Sale System - Glenmaggie to 154,000 acre feet		E WHICH \					TES AR	E INSTA	LLED			,
turray System - Hune Reservoir to 2.500,000 acre feet (half share to Victoria)	laffna Sale Suntam					M 13.				256 .00	18 nnn	
	lurray System~ Ilu:	ne Reservoir	(6 2.500,0	00 acre	feet (half	share	to Victo	ria	::			607
TOTAL CAPACITY OF STORAGES WHEN WORKS ARE COMPLETED 5,539												5,535,9

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

Wurder Bolue storage which was the main storage of the Bellarine System has been taken over by the Geelong Waterworks and Sewerage Trust.

⁽b) New South Wales Water Conservation Datum.

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

APPENDIX G.

VICTORIAN WATER SUPPLY STATISTICS.

AREA.					1	1954–55	i.									
Area of State of Vict	oria										87,884	squar	e miles	s = 5	6,245,760	acre
Area of rural and u stock and industria	l purposes							s, exc	luding	_					404 0==:	
Melbourne Metropo Area of Irrigation Di	stricts and	 I other la	ands	 supplied	for ir	 rigation		• •			7,940*	square			,481,800* ,510,000*	acre acre
Area Irrigated (1954) Area within Flood Pi	-55) -otootion D			• •	٠٠.	• •		• •			• •	• •		•	863,560 148,910*	acre:
Area within Drainage		JISTITICUS 		• •				• •				• •			18,450*	acre
						• Gross	area.								•	
			ž	AVERA	GE A	NNUAI	L RAI	INFAI	LL.							
Over State (87,8		miles)) inches	
Under 15 inches				• •					-		= 21 $= 15$	_ ~			of State	
15 inches to 20 20 25			• •	• •	• •			3,800 $3,551$,,	"	= 15	/:		,,	,,	
25 ,, 30	**							,528	,,	,,	= 16			,,	,,	
30 ,, 40	,, .	•						5,802	,,	,,	== 18	c "		,,	,,	
40 , 50 50 , 60	**		 	•				6,671 $2,660$,, ,,	,, ,,	$=$ $\frac{7}{3}$	0 ,		,,	,,	
,,,								.171	,,	,,		· 5 ,		,,	,, ,,	
Total							87	.884	••	,,						
WATERWORKS—	•	•						,	"	,,						
Controlled by Comm Storages—	ission—															
Number of													• •			38
Number of To	subsidiary otal capací						 allons		 808,95	 0* ac	re fee	. <i>.</i> t.	• •			24
	-	Includes h	_			_			-							
Channels-Lengt	:h															
Irrigation						• •	• •					• •		miles		
Domestic ar Drainage ar		 Protection	 1							• •				miles		
	Total												-,			mila
Dine Lines Len			••			••	••		• •	••		• •	• •	• •	15,117	
Pipe Lines—Len Mains	gtn— 												272	miles	S	
Reticulation		••	••		-	• •			: •	٠.			970	miles	5	
	Total	••										••	••		1,242	mile
TanksExcavate Number in		-Mailee \	W ater	works [District	s									260	tank
Bores-			-			•								, ,		
Number in Water Deliveries	;						••			• •				••	- 55	bore
Quantity w Wimme	ater delivi era-Mallee								ers (e	XCIU0	_	eliveries 	. to	1,0	70,433 acr	re .fee
RURAL DISTRICTS							Ni	umber	of		Nu	nber of				
Administered by Com	ımission—							Districts				ssments.		Pop	pulation.	
Irrigation Distric					liban 6			29				5,976			45,598	
Waterworks Dis Flood Protection		uaing ru	irai la	ınas, co		ystem) 	••	31 4		• •		21,627 1,540*	(46)		60,583 4,097* (6	71
Drainage Distric								1				5,716			5,200	•••
	Totals							— 65 d	istricts		-	4.859 a	ssessme	ents 1	15,474 per	sons
* Excluding figures		which sh	ow the	e number	ofasse	essments					_				<u></u>	
URBAN DISTRICTS—		• •					- 1"		••	,			(411		was triought	•
Reticulated pipe supp	lies for do	mestic a	nd in	ıdustrial	purpo:	ses—					umber a Towns,	f			Population	
Administered	by Commis	sion									130				194,530 p	erson
11 11	Waterwo										127				356,470	"
" "	Local Go	overning	Rodi	es		• •	• •		• •	٠.	16		• •		103,810	71
	Totals					• •	. •		. •		273 to	owns			654,810 p	erson
SEWERAGE AUTHORIT	IES								M-	ımber	of Tow	ng			Population.	
Controlled by Local		supervi	sed b	y Comn	ission							ns. Operatin	g)		246,500 pc	erson
,,,,,,				,					5	(Sys	stems (partly o	peratin		22,300	1) 17
	Tota!s			• -					. 60	tow	ns				356,470 p	
									_							
CAPITAL LIABILITY F																
Total to 30th June,		Borne b			ts	· ·						• •	•		£71,67	
		N	,				• •		• •			• •	• •		£9,24	16,384
	,															
	Total	• •													£80,91	18,141

APPENDIX H.

RURAL WATERWORKS DISTRICTS.

Dates of Constitution.

A. DISTRICTS ADMINISTERED BY WATERWORKS TRUSTS, PAST AND PRESENT.

Note.—Provision for the constitution of Waterworks Trusts was first made in the Water Conservation Act 1881, No. 716. This legislation was superseded by the consolidating Water Conservation Act 1887, No. 846, and then by the consolidating Water Act 1890. No. 1156.

Twenty Waterworks Trusts for the supply of water in rural areas were constituted under these Acts.

Although later legislation still provides for the constitution of rural Waterworks Trusts none has in fact been constituted since the passing of the Water Act 1905, No. 2016, by which the State Rivers and Water Supply Commission was set up. Since that date the extension of rural domestic and stock supplies has been carried out by the Commission, and Waterworks Trusts have been formed only for the purpose of providing urban supplies.

Name of Waterworks Trust and District.	Date of Constitution.	Remarks.
1. Loddon United	3.7.1882	Portions of district excised in formation of Tragowel Plains, North Boort, and East Boort Irrigation Trusts. Control of Trust taken over by Government in 1904 and transferred to Commission in 1906. Trust abolished 1st July, 1945, by Act No. 5003. Commission's Loddon, East Loddon, and West Loddon Water- works Districts formed by subdivision of Trust's district
2. St. Arnaud Shire	3.7.1882	Portion of district excised in formation of Shire of Kara Kara Waterworks Trust in 1886. Name changed to Shire of Donald Waterworks Trust in 1908. Trust abolished and district transferred to Commission in 1926, subsequently divided between Commission's Wimmera United, Upper Wimmera United, and Wycheproof Waterworks Districts
3. Swan Hill Shire	3.7.1882	Original area of district 7,043,200 acres. Portions excised in formation of Leaghur and Meering, Koondrook, and Pine Hills Irrigation Trusts and Kerang Shire Waterworks Trust. Control taken over by Government in 1889. Trust abolished by Water Act 1905
4. Stawell Shire*	7.8.1882	Capital liability liquidated in 1901. Works (tanks) since maintained by Shire without Trust rating
5. Bet Bet Shire	11.9.1882	Trust abolished 22nd December, 1938, following liquidation of
6. Avoca United	27.9.1882	capital liability Control of Trust taken over by Government in 1889. Trust
7. Numurkah Shire*	4.10.1882	abolished 1st January, 1934, by Act No. 4175 Portion of district excised in formation of Shepparton Shire Waterworks Trust in 1892. Most of remaining area since
8. Wimmera United	4.10.1882	absorbed in Murray Valley and North Shepparton Irrigation and Water Supply Districts Portion of district excised in formation of Shire of Wimmera Waterworks Trust, which became Western Wimmera Irrigation and Water Supply Trust in 1888. Wimmera United Waterworks
9. United Echuca and Waranga	11.10.1882	Trust abolished and district transferred to Commission on 1st July, 1908. District now divided between Wimmera United. Upper Wimmera United, and part of Karkarooc Waterworks Districts Portion of district excised in formation of Rodney Irrigation and Water Supply Trust in 1889. Trust abolished and district transferred to Commission on 1st July, 1908, becoming the Deakin Irrigation and Water Supply District, corresponding to present Deakin, Tongala—Stanhope, and part of Rochester Irrigation and Water Supply Districts
10. Lowan Shire*	26.2.1883	Portion of district excised in formation of Commission's Hindmarsh
11. Yarrawonga Shire (Tunga- mah Shire)*		Waterworks District in 1929. Name altered to Tungamah Shire Waterworks Trust in September, 1893. Portions of district excised in formation of North Shepparton, Katandra, and Murray Valley Irrigation and
12. Kara Kara Shire	2.2.1886	Water Supply Districts District excised from St. Arnaud Shire Waterworks Trust District. Portion excised in extension of Wimmera United Waterworks District under Commission. Trust abolished 13th February,
13. Shepparton Shire*	19.12.1892	1945, following liquidation of capital liability District excised from Shire of Numurkah Waterworks Trust District. Most of remaining area since absorbed in Shepparton and North Shepparton Irrigation and Water Supply Districts

^{*} These Trusts are still in existence.

A. DISTRICTS ADMINISTERED BY WATERWORKS TRUSTS, PAST AND PRESENT—continued.

Name of Waterworks Tr	rust and 1	District.	Date of Constitution.	Remarks.
14. Lawloit (Shire	of Kar	niva)*	30.6.1896	District excised from Lowan Shire Waterworks Trust District. Name altered to Shire of Kaniva Waterworks Trust on 30th May, 1939
15. Kowree			3.3.1897	
16. Wycheproof			19.10.1897	Trust abolished and district transferred to Commission on 1st July, 1908. Remains as Wycheproof Waterworks District
17. Birchip			18.7.1898	Trust abolished and district transferred to Commission on 1st July, 1908. Remains as Birchip Waterworks District
18. Kerang Shire*			5.12.1900	Portions of district absorbed into Long Lake, Kerang North-West Lakes, Wycheproof, and Normanville Waterworks Districts and Boort Irrigation and Water Supply District
19. Yatchaw	• •		1.5.1906	
20. Western Wimm	era		1.5.1906	

^{*} These Trusts are still in existence.

RURAL WATERWORKS DISTRICTS.

DATES OF CONSTITUTION.

B. DISTRICTS ADMINISTERED BY THE COMMISSION.

Note.—Districts in the table not numbered are ones that are no longer separate, having been incorporated in one or other of the numbered districts as shown.

	Name of District.		Date of Constitution.	Remarks.
1.	Long Lake		1.5.1906	Works commenced by Board of Land and Works in 1902. Constituted a waterworks district and placed under control of Commission by Water Act 1905. Originally supplied from Murray but linked with Wimmera-Mallee channel system in 1918
2.	Sea Lake		1.5.1906	Works commenced by Board of Land and Works in 1899. Constituted a waterworks district and placed under control of Commission by Water Act 1905
3.	Wimmera United		1.7.1908	Trust district transferred to Commission. Trust abolished
4.	Western Wimmera		1.7.1908	Trust district transferred to Commission. Trust abolished
5.	Birchip			Trust district transferred to Commission. Trust abolished
6.	Wycheproof		1.7.1908	Trust district transferred to Commission. Trust abolished
7.	Karkarooc	:		New district
8.	Tyntynder	'	1.7.1910	New district. Originally supplied from Murray but linked with Wimmera Mallee channel system in 1918
9.	Axe Creek		16.8.1910	Portion of Coliban Urban District constituted as a waterworks district
10.	Harcourt		25.8.1911	Portion of Coliban Urban District constituted as a waterworks district
11.	Kerang North-West	Lakes	1.1.1913	New district
12.	Walpeup West		1.1.1913	New district. Bores and tanks
,	Walpeup East		1.1.1913	New district. Originally bores and tanks. Incorporated in Tyrrell Waterworks District on 1st July, 1928
13.	Tyrrell		1.7.1913	New district. Incorporated Walpeup East on 1st July, 1928
	Yelta		1.7.1913	New district. Incorporated in Millewa Waterworks District on 1st July, 1952
14.	Werribee		1.7.1914	New district
	Carwarp		1.7.1916	New district. Incorporated in Millewa Waterworks District on 1st July, 1952
15.	Upper Western Win	nnera	1.7.1921	Excised from Western Wimmera
1.0	Upper Wimmera Ur	ited	1.7.1921	Excised from Wimmera United

B. DISTRICTS ADMINISTERED BY THE COMMISSION—continued.

Name of District.	Date of Constitution.	Remarks.
17. Mornington Peninsula .	. 1.7.1922	New district incorporating district of Dandenong Waterworks Trust. Works mainly for urban supplies
18. Millewa	1.7.1924	New district. Incorporated Millewa Central Waterworks District on 1st July, 1951, and Carwarp, Carwarp Central (excised from Carwarp on 1st July, 1924), and Yelta Waterworks Districts on 1st July, 1952
19. Coreena (Tyntynder North) 1.7.1928	
20. Hindmarsh	1.7.1929	New district. Excised from Lowan Shire Waterworks Trust District
21. Bellarine Peninsula .	3.10.1932	
	. 1.7.1935	
23. Otway		New district. Works mainly for urban supplies
24. Normanville		New district. Extended to include Gredgwin pumped area in 1949
25. Loddon	1.7.1945	Districts formed by sub-division of the district of the Loddon
26. East Loddon	1.7.1945	United Waterworks Trust, which had been placed under control
27. West Loddon	1 7 1047	
28. Wychitella	. 1.7.1945	New district
29. Ouyen	. 1.7.1949	Excised from Tyrrell West Waterworks District

IRRIGATION TRUSTS IN VICTORIA.

DATES OF CONSTITUTION, ABOLITION, ETC.

Note.—The first legislative provision in Victoria for the constitution of Trusts for the purpose of irrigation was contained in the Water Conservation Act 1883, No. 778. This Act was superseded by the comprehensive Irrigation Act 1886, No. 898, and later by the consolidating Water Act 1890, No. 1156. Thirty-two Trusts for the purpose of irrigation were constituted under these Acts.

In addition the First Mildura Irrigation Trust was separately constituted by the Mildura Irrigation Trusts Act 1895, No. 1409.

By the Water Act 1905, No. 2016, all the Irrigation Trusts except the First Mildura Irrigation Trust were abolished and their districts placed under the control of the State Rivers and Water Supply Commission.

Irrigation and Water Supply Trust and District.	Date of Constitution.	Effect of Water Act 1905.	Amalgamations, &c., of Districts under Commission.
1. Leaghur and Meering	September, 1885	Trust abolished and District transferred to control of Commission	Incorporated in Boort Irrigation and Water Supply District 1911
2. Tragowel Plains	March, 1886	Trust abolished and District transferred to control of Commission	Boundaries amended but still separate district
3. Cohuna	April, 1886		
Reconstituted on new basis	April, 1888	Trust abolished and District transferred to control of Commission	Boundaries amended but still separate district
4. Benjeroop and Murra- bit	May, 1886	Trust abolished and District transferred to control of Commission	Incorporated in Koondrook Irrigation and Water Supply District 1911
5. Koondrook	May, 1886	Trust abolished and District transferred	Incorporated in Koondrook Irrigation
Amalgamated with Myall q.v.	1896	to control of Commission	and Water Supply District 1911
6. Twelve Mile	August, 1886	Trust abolished and District transferred to control of Commission	Incorporated in Boort Irrigation and Water Supply District 1911
7. Swan Hill	September, 1887	Trust abolished and District transferred to control of Commission	Boundaries amended but still separate district
8. North Boort	September, 1888	Trust abolished and District transferred to control of Commission	Incorporated in Boort Irrigation and Water Supply District 1911
9. East Boort	September, 1888	Trust abolished and District transferred to control of Commission	Incorporated in Boort Irrigation and Water Supply District 1911
10. Western Wimmera	September, 1888	Reconstituted as Waterworks Trust	Trust abolished and district transferred to Commission in 1908. Boundaries amended but still separate waterworks district
11. Wandella	October, 1888	Trust abolished and District transferred to control of Commission	Incorporated in Boort Irrigation and Water Supply District 1911
12. Werribee*	November, 1888	Trust and District abolished	PP,
13. Yatchaw†	November, 1888	Reconstituted as Waterworks Trust	Became Yatchaw Drainage Trust 1954
14. Marquis Hill	December, 1888	Trust abolished and District transferred	Incorporated in Kerang Irrigation and
14. Daique III		to control of Commission	Water Supply District 1910
15. Torrumbarry North† (only headworks	March, 1889	Trust and District abolished	
constructed) 16. Bacchus Marsh	April, 1889	Trust abolished and District transferred to control of Commission	Boundaries amended but still separate district

^{*} These were "Private" Trusts promoted by syndicates formed for the development and sale of irrigated lands. † The real purpose of these Trusts was drainage and reclamation.

Irrigation Trusts in Victoria -continued.

Irrigation and Water Supply Trust and District.	Date of Constitution.	Effect of Water Act 1905,	Amalgamations, &c., of Districts under Commission.
17. Rodney	April, 1889	Trust abolished and District transferred to control of Commission	Boundaries amended but still separate district
18. Kerang East	April, 1889	Trust abolished and District transferred to control of Commission	
19. Pine Hills (no works constructed)	April, 1889	Trust and District abolished	
20. Emu Valley	April, 1889	Trust abolished and District incorporated in Coliban Urban District under Com- mission control	
21. Campaspe	October, 1889	to control of Commission	Boundaries amended but still separate district
22. Harcourt	November, 1889	Trust abolished and District incorporated in Coliban Urban District, under Commission control.	
23. Carrum†	December, 1889	Reconstituted as Waterworks Trust	Placed under Commission control in 1910 Trust abolished in 1941 and District transferred to Commission as "Carrum Drainage District"
24. Lerderderg (no works constructed)	April, 1890	Trust and District abolished	
25. Bairnsdale (irrigation scheme abandoned 1891)	April, 1890	Reconstituted as Waterworks Trust for urban supply only	
26. Myall Amalgamated with Koondrook	June, 1890 1896	Trust abolished and District transferred to control of Commission	Incorporated in Koondrook Irrigation and Water Supply District 1911
27. Dry Lake	June, 1890	Trust abolished and District transferred to control of Commission	Incorporated in Kerang Irrigation and Water Supply District, 1942
28. Millewa* (no works constructed)	September, 1890	Trust and District abolished	
29. Dookie (supply for Agriculture ('ollege Reserve)	1892	Trust and District abolished	
30. Macorna North	April, 1893	Trust abolished and District transferred to control of Commission	Incorporated in Kerang Irrigation and Water Supply District 1910
31. First Mildura (Trust took over works constructed by Chaffey Bros. from 1887 onwards)	December, 1895	This was the only Irrigation Trust not abelished by Water Act 1905	
32. Gunbower West	March, 1899	Trust abolished and District transferred to control of Commission	Incorporated in Kerang Irrigation and Water Supply District, 1910
33. South Kerang	September, 1899	Trust abolished and District transferred to coutrol of Commission	Incorporated in Kerang Irrigation and Water Supply District, 1910

^{*} These were "Private" Trusts promoted by syndicates formed for the development and sale of irrigated lands.
† The real purpose of these Trusts was drainage and reclamation.

IRRIGATION AND WATER SUPPLY DISTRICTS ADMINISTERED BY STATE RIVERS AND WATER SUPPLY COMMISSION.

Dates of Constitution.

Irrigation and Water Supply District.	Date of Constitution.	Remarks.
	A. DISTRICTS DEVELO	OPED ORIGINALLY BY TRUSTS.
1. Tragowel Plains 2. Cohuna* 3. Swan Hill 4. Bacchus Marsh 5. Rodney 6. Campaspe	These districts were transferred to the Commission from Irrigation Trusts of the same respective names by the Water Act 1905 2.7.1908	amended from time to time
8. Kerang	1.7.1910	Waterworks Trust Incorporating districts transferred by the Water Act 1905 from the Gunbower West, Kerang East, South Kerang, Macorna North, and Marquis Hill Irrigation Trusts and administered separately until this amalgamation. The District of the Dry Lake Irrigation Trust which had been similarly transferred was incorporated in Kerang District in 1942

^{*} Leitchville Irrigations and Water Supply District constituted in 1925, was absorbed into Cohuna District in 1941.

IRRIGATION AND WATER SUPPLY DISTRICTS ADMINISTERED BY STATE RIVERS AND WATER SUPPLY Commission—continued.

	Irrigation and Water Supply District.		Date of Constitution.	Remarks.
			A. Districts Deve	LOPED ORIGINALLY BY TRUSTS—continued.
9.	Boort		1.7.1911	Incorporating districts transferred by the Water Act 1905 from the East Boort, North Boort, Leaghur and Meering, Wandella, and Twelve Mile Irrigation Trusts and administered
10.	$\mathbf{Koondrook}$		1.7.1911	separately until this amalgamation Incorporating districts transferred by the Water Act 1905 from the Koondrook and Myall, and Benjeroop and Murrabit Irrigation Trusts and administered separately
11.	Tongala Stanhope		19.8.1912 16.7.1918	until this amalgamation Excised from Deakin District. Tongala and Stanhope Districts were amalgamated in 1939
			B. DISTRICTS	DEVELOPED BY COMMISSION.
12.	Merbein†		1.7.1910	Closer Settlement of Crown Lands. District was originally named White Cliffs, until 1912. Amalgamated with Red Cliffs in 1949
13.	Nyah†		1.7.1910	Closer Settlement of Crown Lands
	Shepparton		14.9.1910	Closer Settlement of acquired lands
	Rochester		1.7.1912	Closer Settlement of acquired lands. Incorporated Bamawm and Nanneella Irrigation and Water Supply Districts which had been constituted on 1st July, 1911, and portions excised from the Campaspe and Deakin Irrigation and Water Supply Districts
	Dingee		1.7.1913	Closer Settlement of acquired lands
17.	Werribee		1.7.1917	Closer Settlement of acquired lands
	Tresco		1.1.1922	Private irrigation schemes taken over at request of land-
	Mystic Park		1.1.1922	∫ owners
20.	Red Cliffs	• •	1.12.1922	Closer Settlement of acquired lands. Amalgamated with Merbein in 1949
	South Shepparton		1.7.1924	Supplied from main channel constructed to serve Shepparton
	Third Lake		1.10.1925	Extensions to Torrumbarry System supplied, like Mystic
	Fish Point		1.8.1926	Park, and Tresco, via Kerang North-West Lakes
24.	Maffra-Sale	• •	1.10.1926	Originally constituted as two separate districts. Amalgamated in 1934
25.	Katandra		1.40.1928	Closer Settlement of acquired lands
	Calivil		1.10.1928	· ·
	NT 41 C1		1.10.1928	North Shepparton and Katandra supplied by extension of East Goulburn Main Channel
28.	Murray Valley		17.10.1938	Gravitational supply from Murray River obtained by construc- tion of Yarrawonga Weir. Part of district acquired and developed for Soldier Settlement
29.	Robinvale		31.8.1948	Soldier Settlement on Crown and acquired lands
	Central Gippsland		13.12.1948	Part of district acquired and developed for Soldier Settlement

[†] White Cliffs (Merbein) and Nyah were originally constituted as Irrigation Areas under the Murray Settlements Act 1907, No. 2123, but were re-named as Irrigation and Water Supply Districts by the Water Act 1937. No. 4513, which repealed the provisions of the former Act.

APPENDIX J.

THE STATE RIVERS AND WATER SUPPLY COMMISSION.

Head Office 100-110 Exhibition-street, Melbourne, C.1.

Branch Office 31 Flinders-lane, Melbourne, C.1.

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

H. W. McCay, B.C.E., M.I.E. Aust., M.I.W.E., Deputy Chairman. J. A. Aird, B.S.Agr. (Cal.), B.Agr.Sc., Dip.Com., Commissioner.

PRINCIPAL OFFICERS.

Secretarial.

.. L. Duggan, J.P.

Assistant Secretary			E. Brown, J.P.
			Finance.
Chief Accountant			L. A. King, A.A.S.A.
Assistant Chief Accountant			C. P. Hay, Dip. Com.
		Gene	val Administration.
Staff and Industrial Officer			G. F. Pedlow, J.P.
Chief Stores Officer			L. J. FALCONER, A.A.S.A., A.C.A.A.
Chief Clerk			J. R. Moore
Chief Estates Officer			J. F. Horwood
Chief Valuer			E. R. Inglis, L.S., A.C.I.V.
Records Officer			I. Lee (Acting)
Publications and Library			D. A. McCov
	Eng	gineering	and Associated Branches.
Chief Designing Engineer			R. G. Knight, M.C., M.C.E., M.I.C.E., M.I.E. Aust.
Assistant Chief Designing Engineer	er	• •	R. A. Horsfall, M.B.E., M.C.E., B.Mech.E., A.M.I.E. Aust.
Chief Constructional Engineer			C. L. Sanders, L.S., A.M.I.C.E., M.ASCE.
Assistant Chief Constructional En	gineer		C. A. R. Evans, B.E., Dip.P.A., A.M.I.E. Aust. (Acting)
Chief Mechanical Engineer			T. S. Moffatt, B.E.E., Dip.Mech.E., A.M.I.E. Aust.
Assistant Chief Mechanical Engine	eer		J. E. Dale, A.M.I.Mech.E., A.M.I.Elec.E.
Chief Surveyor			R. G. Mason, L.S., M.I.S. (Aust.)
Assistant Chief Surveyor			H. C. W. Riggs, L.S., M.I.S. (Aust.)
Chief Irrigation Officer			A. L. Tisdall, M.Agr.Sc.
Superintendent of Water Distribu	tion		N. G. FERGUSON

Major Works and Projects.

	Project.	Title,	Officer.
Fildon and Co	an Change	Chief Engineer	E D Shaw MCE MICE MID A
Eildon and Cair	m Curran	Assistant Chief Engineer	E. D. Shaw, M.C.E., M.I.C.E., M.I.E. Aust. V. G. Swanson, B.C.E., M.ASCE., M.1.E. Aust.
		Executive Engineer	N. M. Worner, B.C.E., A.M.I.E. Aust.
		Works Accountant	F. F. BLOOMFIELD, A.A.S.A.
Central Gippsla	nd	Executive Engineer	J. H. STANDISH, B.C.E., A.M.I.E. Aust.
YWana	was Main Channel	Works Accountant Executive Engineer	H. W. CAFFREY F. M. SHAW, B.C.E., A.M.I.E. Aust.
aoumurn– w ara:	nga Main Channel '	Works Accountant	L. B. Hodge
Aurray Valley	Irrigation Project	Executive Engineer	H. W. Lea, A.C.S.E. (N.Z.), A.M.I.E. Aust.
		Works Accountant	R. F. SWANELL
Farago River D	Diversion Works	Executive Engineer	J. L. MAVER, M.C.E., A.M.I.E. Aust., M.S.E.
Jantral Plant W	Vorkshops, Bendigo	Works Accountant Manager	R. A. Jackson R. A. Myers
Sentral Liant	orkshops, Dentigo	Accountant	T. A. COMTE, A.A.S.A., A.C.I.S., L.C.A.
rallangatta Tov	wuship Removal	Executive Engineer	R. G. Webster, B.C.E., A.M.I.E. Aust.
	!	Works Accountant	D. J. LENNE, B.Com., A.A.S.A., L.C.A.
	E	NGINEERING AND ADMINISTI	eative Divisions
Vimmera - Malle		Senior Divisional	L. N. Welch, A.M.I.E. Aust.
		Engineer	
Wimmera-Malle		Divisional Engineer	N. F. I. GODKIN, A.M.I.E. Aust.
Mallee Irrigation		Divisional Engineer Senior Divisional	D. CLARK, Dip. Elec. E., Dip. Mech. E., A.M. I. E. An
rrigation .		Senior Divisional Engineer	H. E. Harding, B.Sc. (Cal.)
Loddon .		Divisional Engineer	F. Rogerson, A.M.I.E. Aust.
Goulburn .		Divisional Engineer	J. W. Moore, A.M.I.E. Aust.
ippsland and	Southern	Divisional Engineer	S. W. Rogerson, A.M.I.E. Aust.
Iiscellaneous –	San Diag	Divisional Engineer	E. McD. Walker, B.C.E., A.M.I.E. Aust.
Main Unban			D. MUD. WALKER, D.C.E., A.M.I.E. Aust.
Main Urban S Waterworks T			
	Supplies Trusts and Sewerage	Divisional Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust.
Waterworks T	rusts and Sewcrage	Divisional Engineer	
Waterworks T Authorities	rusts and Sewcrage	Divisional Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust.
Waterworks T Authorities Rivers and S	rusts and Sewerage	Divisional Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. Strom, B.C.E., M.I.E. Aust.
Waterworks T Authorities	rusts and Sewcrage	Divisional Engineer Divisional Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust.
Waterworks T Authorities Rivers and S	rusts and Sewerage	Divisional Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. Strom, B.C.E., M.I.E. Aust. RICTS. Officer.
Waterworks T Authorities Rivers and S Administrative Centre.	rusts and Sewcrage treams	Divisional Engineer Divisional Engineer IRRIGATION DISTINGUISMENT System Goulburn System District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. Gillard, B.C.E., A.M.I.E. Aust.
Waterworks T Authorities Rivers and S	rusts and Sewcrage treams	Divisional Engineer Divisional Engineer IRRIGATION DISTINGUISMENT System Goulburn System District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. RICTS. Officer.
Waterworks T Authorities Rivers and S	rusts and Sewcrage treams	Divisional Engineer Divisional Engineer IRRIGATION DISTINGUISMENT System Goulburn System District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. Gillard, B.C.E., A.M.I.E. Aust.
Waterworks T Authorities Rivers and S Administrative Centre.	Pusts and Sewcrage treams	Divisional Engineer Divisional Engineer IRRIGATION DISTINGUISMENT System Goulburn System District Engineer District Accounting Office	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. Gillard, B.C.E., A.M.I.E. Aust. cer E. D. G. Cameron
Waterworks T Authorities Rivers and S Administrative Centre.	rusts and Sewcrage treams	Divisional Engineer Divisional Engineer IRRIGATION DISTINGUISMENT System Goulburn System District Engineer District Accounting Officer District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E.
Waterworks T Authorities Rivers and S Administrative Centre. Shepparton	Pusts and Sewcrage treams	Divisional Engineer Divisional Engineer IRRIGATION DISTRICT Title. Goulburn Syste District Engineer District Accounting Offi District Engineer District Engineer District Engineer	M. E. GILLARD, B.C.E., A.M.I.E. Aust. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. Cameron W. E. Bromfield, B.C.E. G. S. Gordon, B.C.E.
Waterworks T Authorities Rivers and S Administrative Centre. Shepparton Catura	District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin	Divisional Engineer Divisional Engineer IRRIGATION DISTINGUISMENT System Goulburn System District Engineer District Accounting Office District Engineer District Engineer District Engineer District Engineer District Accounting Office District Accounting Office District Accounting Office District Accounting Office District Accounting Office	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. cer O. E. RODER G. S. GORDON, B.C.E. cer A. T. HANSFORD
Waterworks T Authorities Rivers and S Administrative Centre. Shepparton Catura	District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin Rochester	Divisional Engineer Divisional Engineer IRRIGATION DISTRIBUTE Goulburn Syste District Engineer District Accounting Offi District Engineer District Engineer District Engineer District Engineer District Engineer District Engineer District Officer District Officer District Officer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. cer O. E. RODER G. S. GORDON, B.C.E. cer A. T. HANSFORD G. V. ADAMS
Administrative Centre. Shepparton Catura Congala Rochester	Crusts and Sewcrage treams District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin Rochester Campaspe	Divisional Engineer Divisional Engineer IRRIGATION DISTRIBUTE Goulburn Syste District Engineer District Accounting Offi District Engineer District Engineer District Engineer District Accounting Offi District Engineer District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. cer O. E. RODER G. S. GORDON, B.C.E. cer A. T. HANSFORD G. V. ADAMS cer B. C. McCannon
Authorities Rivers and S Administrative Centre. Shepparton Congala Rochester	District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin Rochester	Divisional Engineer Divisional Engineer IRRIGATION DISTRICT Goulburn Syste District Engineer District Accounting Offi District Engineer District Engineer District Accounting Offi District Engineer District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. cer O. E. RODER G. S. GORDON, B.C.E. cer A. T. HANSFORD G. V. ADAMS
Waterworks T Authorities Rivers and S Administrative Centre. Shepparton Fatura Fongala Rochester	Crusts and Sewcrage treams District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin Rochester Campaspe Dingee Calivil Tragowel Plains	Divisional Engineer Divisional Engineer IRRIGATION DISTRIBUTE Goulburn Syste District Engineer District Accounting Offi District Engineer District Engineer District Accounting Offi District Engineer District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. Gillard, B.C.E., A.M.I.E. Aust. cer E. D. G. Cameron W. E. Bromfield, B.C.E. cer O. E. Roder G. S. Gordon, B.C.E. cer A. T. Hansford G. V. Adams cer B. C. McCannon H. E. Kilminster, B.E., A.M.I.E. Aust.
Administrative Centre. Shepparton Catura Congala Rochester	Crusts and Sewcrage treams District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin Rochester Campaspe Dingee Calivil Tragowel Plains	Divisional Engineer Divisional Engineer IRRIGATION DISTRICT. Goulburn System District Engineer District Accounting Office District Engineer District Engineer District Engineer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Engineer District Engineer District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. Gillard, B.C.E., A.M.I.E. Aust. cer E. D. G. Cameron W. E. Bromfield, B.C.E. cer O. E. Roder G. S. Gordon, B.C.E. cer A. T. Hansford G. V. Adams cer B. C. McCannon H. E. Kilminster, B.E., A.M.I.E. Aust. cer K. E. Daniel L. J. Jansen, Dip.C.E.
Administrative Centre. Shepparton Catura Congala Rochester	Crusts and Sewcrage treams District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin Rochester Campaspe Dingee Calivil Tragowel Plains	Divisional Engineer Divisional Engineer IRRIGATION DISTRIBUTE Goulburn Syste District Engineer District Accounting Offi District Engineer District Engineer District Accounting Offi District Engineer District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. Gillard, B.C.E., A.M.I.E. Aust. cer E. D. G. Cameron W. E. Bromfield, B.C.E. cer O. E. Roder G. S. Gordon, B.C.E. cer A. T. Hansford G. V. Adams cer B. C. McCannon H. E. Kilminster, B.E., A.M.I.E. Aust. cer K. E. Daniel L. J. Jansen, Dip.C.E.
Administrative Centre. Shepparton Catura Congala Cyramid Boort	Calivil Tragowel Plains Boort	Divisional Engineer Divisional Engineer IRRIGATION DISTRICT. Goulburn System District Engineer District Accounting Office District Engineer District Engineer District Engineer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Engineer District Engineer District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. Gillard, B.C.E., A.M.I.E. Aust. cer E. D. G. Cameron W. E. Bromfield, B.C.E. cer O. E. Roder G. S. Gordon, B.C.E. cer A. T. Hansford G. V. Adams cer B. C. McCannon H. E. Kilminster, B.E., A.M.I.E. Aust. cer K. E. Daniel L. J. Jansen, Dip.C.E. cer C. L. Sinn
Administrative Centre. Shepparton Fatura Pyramid Boort (a) Torrumbarry	District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin Rochester Campaspe Dingee Calivil Tragowel Plains Boort Weir.	Divisional Engineer Divisional Engineer IRRIGATION DISTRICT. Goulburn System District Engineer District Accounting Officer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. cer O. E. RODER O. G. S. GORDON, B.C.E. cer A. T. HANSFORD O. G. V. ADAMS cer B. C. McCannon H. E. Kilminster, B.E., A.M.I.E. Aust. cer K. E. Daniel D. J. Jansen, Dip.C.E. cer C. L. Sinn pstem.
Waterworks T Authorities Rivers and S Administrative Centre. Shepparton Fatura Fongala Rochester Pyramid Boort (a) Torrumbarry	District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin Rochester Campaspe Dingee Calivil Tragowel Plains Boort	Divisional Engineer Divisional Engineer IRRIGATION DISTRICT. Goulburn System District Engineer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Accounting Officer District Engineer District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. cer O. E. RODER O. G. S. GORDON, B.C.E. cer A. T. HANSFORD O. G. V. ADAMS cer B. C. McCannon H. E. Kilminster, B.E., A.M.I.E. Aust. cer K. E. Daniel D. J. Jansen, Dip.C.E. cer C. L. Sinn pstem. C. G. McCoy, Dip.C.E., A.M.I.E. Aust.
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Administrative Centre. Shepparton Tatura Rochester Pyramid (a) Torrumbarry Cohuna	Tusts and Sewcrage treams District. Katandra North Shepparton Shepparton South Shepparton Rodney Tongala-Stanhope Deakin Rochester Campaspe Dingee Calivil Tragowel Plains Boort Weir. Cohuna Kerang	Divisional Engineer Divisional Engineer IRRIGATION DISTING Goulburn Syste District Engineer District Accounting Offi District Engineer District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Accounting Offi District Engineer District Accounting Offi District Engineer District Accounting Offi River Murray System District Engineer District Engineer District Engineer District Engineer District Engineer District Engineer District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. cer O. E. RODER G. S. GORDON, B.C.E. cer A. T. HANSFORD G. V. ADAMS cer B. C. McCannon H. E. Kilminster, B.E., A.M.I.E. Aust. cer K. E. Daniel L. J. Jansen, Dip.C.E. cer C. L. Sinn pstem. C. G. McCoy, Dip.C.E., A.M.I.E. Aust. cer Vacant R. R. McDowell. B.C.E.
Administrative Centre. Shepparton Tatura Rochester Pyramid (a) Torrumbarry Cohuna	Calivil Tragowel Plains Boort Weir. Cohuna Katandra North Shepparton Shepparton Shepparton Rodney Tongala-Stanhope Deakin Rochester Campaspe Dingee Calivil Tragowel Plains Boort Kerang Koondrook	Divisional Engineer Divisional Engineer IRRIGATION DISTRICT Goulburn Syste District Engineer District Accounting Offi District Engineer District Engineer District Accounting Offi District Engineer District Accounting Offi District Accounting Offi District Engineer District Accounting Offi District Engineer District Accounting Offi River Murray Si District Engineer District Engineer District Accounting Offi River Murray Si District Engineer District Engineer District Accounting Offi	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. cer O. E. RODER G. S. GORDON, B.C.E. cer A. T. HANSFORD G. V. ADAMS cer B. C. McCannon H. E. Kilminster, B.E., A.M.I.E. Aust. cer K. E. Daniel L. J. Jansen, Dip.C.E. cer C. L. Sinn pstem. C. G. McCoy, Dip.C.E., A.M.I.E. Aust. cer Vacant R. R. McDowell. B.C.E.
Administrative Centre. Shepparton Tatura Tongala Rochester Pyramid (a) Torrumbarry Cohuna Kerang	Calivil Tragowel Plains Boort Weir. Cohuna Kerang Koondrook Mystic Park Swan Hill	Divisional Engineer Divisional Engineer IRRIGATION DISTRICT Goulburn Syste District Engineer District Accounting Offi District Engineer District Accounting Offi District Accounting Offi District Engineer District Accounting Offi District Engineer District Accounting Offi District Engineer District Accounting Offi River Murray Si District Engineer District Engineer District Accounting Offi River Murray Si District Engineer District Engineer District Accounting Offi District Engineer District Engineer District Engineer District Engineer District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. O. E. RODER G. S. GORDON, B.C.E. cer A. T. HANSFORD G. V. ADAMS cer B. C. McCannon H. E. Kilminster, B.E., A.M.I.E. Aust. cer K. E. Daniel L. J. Jansen, Dip.C.E. cer C. L. Sinn pstem. C. G. McCoy, Dip.C.E., A.M.I.E. Aust. icer Vacant R. R. McDowell. B.C.E. icer A. G. Boyd J. R. Tyson, B.Sc. (Eng.)
Administrative Centre. Shepparton Tatura Tongala Rochester Pyramid (a) Torrumbarry Cohuna Kerang	Canpase Calivil Tragowel Plains Boort Weir. Cohuna Kerang Koondrook Mystic Park Swan Hill	Divisional Engineer Divisional Engineer IRRIGATION DISTRICT Goulburn Syste District Engineer District Accounting Offi District Engineer District Accounting Offi District Accounting Offi District Engineer District Accounting Offi District Engineer District Accounting Offi District Engineer District Accounting Offi River Murray St. District Engineer District Accounting Offi River Murray St. District Engineer District Accounting Offi District Engineer District Accounting Offi District Engineer District Accounting Offi District Engineer District Accounting Offi District Engineer	R. H. RICHMOND, B.C.E., A.M.I.E. Aust. H. G. STROM, B.C.E., M.I.E. Aust. Officer. M. E. GILLARD, B.C.E., A.M.I.E. Aust. cer E. D. G. CAMERON W. E. BROMFIELD, B.C.E. CO. E. RODER G. S. GORDON, B.C.E. CET A. T. HANSFORD G. V. ADAMS CET B. C. McCANNON H. E. KILMINSTER, B.E., A.M.I.E. Aust. CER K. E. DANIEL L. J. JANSEN, Dip.C.E. CER C. L. SINN pstem. C. G. McCov, Dip.C.E., A.M.I.E. Aust. CER R. R. McDowell. B.C.E. A. G. Boyd J. R. Tyson, B.Sc. (Eng.) L. V. B. Patzl (Tresco Pumping Station)

${\bf IRRIGATION\ DISTRICTS-} continued.$

Administrative Centre.	District.	Title.	Officer,
		River Murray System—co	ntinued.
(b) Yarrawonga Cobram	Weir. Murray Valley	District Engineer	J. R. DUNNE, B.C.E.
(c) Pumping.		District Accounting Officer	T. P. GRIGG, A.A.S.A., A.C.I.S.
Nyah West	Nyah	District Officer	W. H. E. BENTLEY M. MILLER, M.I.Mar.E. (Lond.) (Nyah Pumping Station)
Robinvale	Robinvale	District Accounting Officer District Inspector Mechanical Engineer District Accounting Officer	S. W. R. Threlfall H. C. Pollock Vacant (Robinvale Pumping Station) K. J. Hodson
Red Cliffs	Red Cliffs	District Engineer Mechanical Engineer	R. DRUMMOND, B.C.E., A.M.I.E. Aust. E. C. G. Larsen (Red Cliffs and Merbein Pumping Stations)
	Merbein	District Accounting Officer District Officer District Accounting Officer	A. W. HAYES, F.A.S.A. L. C. Anders
		Gippsland and Southern S	ystems.
Bacchus Marsh	Bacchus Marsh	District Officer	R. T. SQUIRE
Werribee	Werribee	District Accounting Officer District Officer	W. D'Arcy R. T. Squire
Maffra	Maffra-Sale	District Accounting Officer District Engineer	
		District Accounting Officer	
		Rural Waterworks Distr	icts.
Birchip	Birchip	District Engineer District Accounting Officer	
Charlton	Wycheproof Wychitella	District Inspector	
Hopetoun	Karkarooc	District Accounting Officer District Officer	M. P. Reid A. M. Morgan
Horsham	Tyrrell West Western Wimmera	District Accounting Officer District Engineer	W. A. RICHARDS, B.Com. L. K. RICHARDSON, Dip.C.E., A.M.I.E. Aust.
TOISHair	Upper Western Wimmera Hindmarsh	District Accounting Officer	A. A. Douglas
Murtoa	Wimmera United Upper Wimmera United	District Engineer District Accounting Officer	A. C. Paul, Dip.C.E. S. G. E. Graham
Ouyen	Tyrrell	District Officer District Accounting Officer	C. V. FLETCHER R. W. SIMPSON
Werrimull	Millewa Millewa Central Carwarp	District Inspector Mechanical Engineer	A. C. Annand W. E. Foreman (Millewa Pumping Station)
Nyah West	Carwarp Central Long Lake Tyntynder	District Officer	W. H. E. Bentley M. Miller, M.I.Mar.E. (Lond.) (Nyah Pumping Station)
Red Cliffs	Yelta	District Accounting Officer District Engineer Mechanical Engineer	S. W. R. THRELFALL R. DRUMMOND, B.C.E., A.M.I.E. Aust. E. C. G. LARSEN (Red Cliffs and Merbein Pumping Stations)
		District Accounting Officer District Officer District Accounting Officer	A. W. HAYES, F.A.S.A. L. C. Anders (Merbein) A. S. Hinks (Merbein)
Kerang	Kerang North-West Lakes	District Engineer	R. R. McDowell, B.C.E.
Pyramid	Loddon	District Accounting Officer District Engineer	A. G. BOYD H. E. Kilminster, B.E., A.M.I.E. Aust.
•	East Loddon	District Accounting Officer	K. E. Daniel
Boort	$egin{array}{lll} ext{West Loddon} & \dots & \dots & \dots & \dots & \dots & \dots & \dots & \dots & \dots & $	District Engineer District Accounting Officer	L. J. Jansen, Dip.C.E. C. L. Sinn
0005/5510			

IRRIGATION DISTRICTS—continued.

URBAN CENTRES.

Administrative Centre.	District.	Title. Officer.
		Coliban System.
Bendigo		 Executive Engineer District Accounting Officer District Accounting Officer Vacant Unit District Accounting Officer Vacant
Castlemaine		District Accounting Officer Vacant
		Mornington Peninsula System.
Frankston		Executive Engineer B. W. ROMBACH-SCHARP, B.C.E., A.M.I.E. Aust. District Accounting Officer L. W. L. Allnutt
Chelsea		District Accounting Officer T. A. ROBERTS
Dandenong		District Accounting Officer R. Y. ALLINSON
Wonthaggi		District Accounting Officer G. N. TURNER
		Otway and Bellarine Peninsula System.
Geelong	 	District Engineer M. L. King, B.C.E.
Camperdown	l	District Accounting Officer E. BAXTER District Accounting Officer A. F. BRAY
1		
		Flood Protection Districts.
Koo-wee-rup	Koo-wee-rup and Cardinia	and District Officer A. Grantley
		District Accounting Officer H. E. CURNICK

STATE RIVERS AND WATER SUPPLY COMMISSION.

CHAIRMEN AND COMMISSIONERS 1955



Lewis Ronald East, C.B.E. M.C.E., M.I.C.E., M.ASCE., M.I.E.Aust.

Commissioner: 1935-1936 Chairman: 1936—

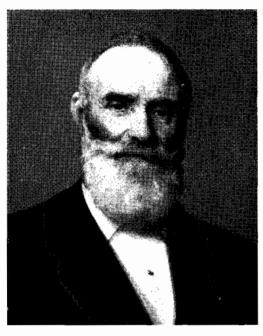


Heywood Waring McCay B.C.E., M.I.E.Aust., M.I.W.E. Deputy Chairman: 1943—

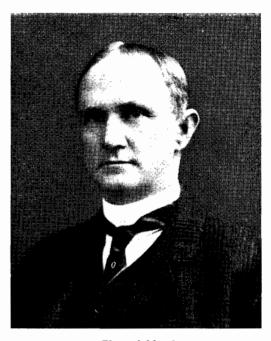


John Allan Aird
B.S.Agr.(Cal.), B.Agr.Sc., Dip. Com.
Commissioner: 1949—

CHAIRMEN 1906-1936



Stuart Murray Chairman: 1906-1907



Elwood Mead Chairman: 1907-1915



William Cattanach Commissioner: 1906-1915 Chairman: 1915-1932

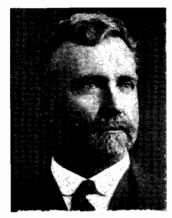


Richard Henry Horsfield Commissioner: 1926-1933 Chairman: 1933-1936

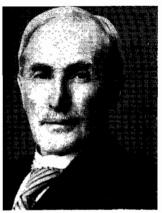
COMMISSIONERS, ACTING COMMISSIONERS AND SECRETARIES SINCE 1906



George Garson Commissioner : 1906-1911



John Stewart Dethridge Commissioner : 1911 - 1926



Ebenezer Shaw Commissioner : 1915-1932



Alfred Stephen Kenyon Commissioner: 1932-1935



William Trevean Commissioner: 1933-1937



William Alexander Robertson Commissioner: 1936-1943 Deputy Chairman: 1939-1943



Harold Hanslow Commissioner : 1938-1949

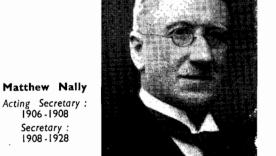


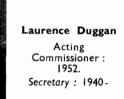
Patrick John O'Malley Commissioner: 1937-1938 (Secretary: 1928-1940)



George Laing Acting Commissioner: 1927

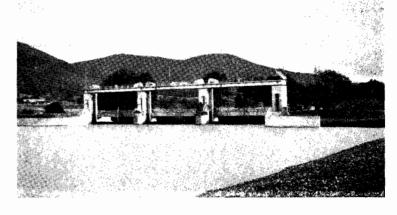




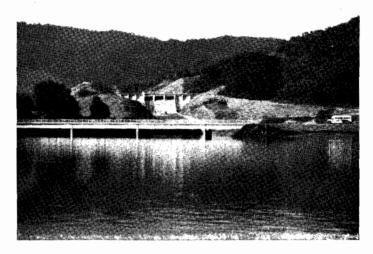


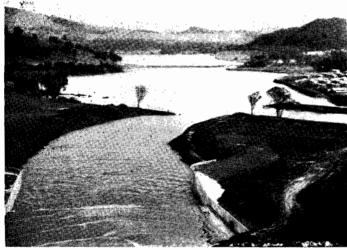
Big Eildon Project.

Pondage Weir.—Concrete structure 196 feet long and 45 feet in height, with 3 electrically operated gates 65 feet 6 inches wide by 20 feet high, regulates the flow of water released from Eildon Dam down the Goulburn River. The weir is about 2 miles downstream from the dam.



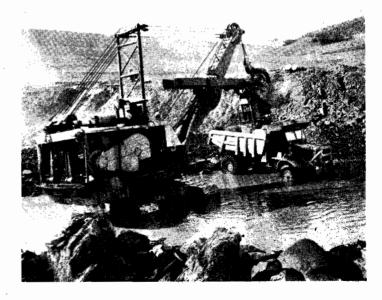
Pondage Lake.—The lake formed behind the pondage weir extends upstream to just below the dam itself. The road bridge giving access to Eildon township and Big Eildon spillway are also shown.

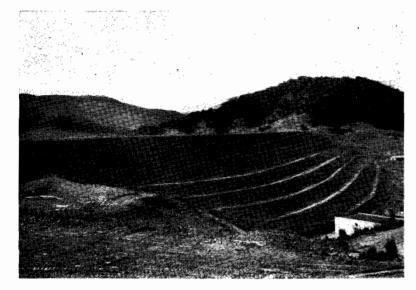




Spillway.—View of the lower portion of the spillway, dissipator basin, outlet channel and pondage lake. Eildon township is on the right.

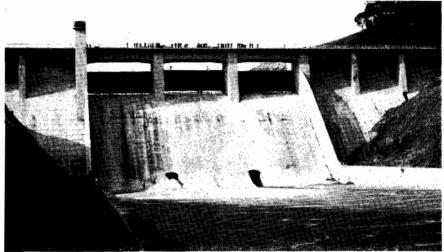
Final Stage.—Construction work on the Big Eildon project is now in its final stage. Picture shows a Marion shovel and Euclid truck working in the outlet channel from the power house. Big Eildon Dam is in the background.



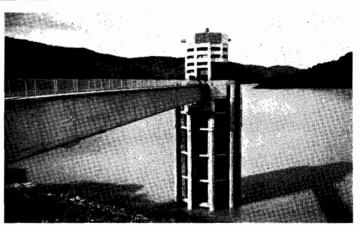


Big Eildon Dam.—The embankment is 260 feet high, 3,000 feet long, over 1,000 feet wide at the base, 30 feet wide at the crest, and contains 13,300,000 cubic yards of earth and rock. The new dam will have a storage capacity of 2,750,000 acrefeet, and will raise the full supply level 127 feet above the previous level.

Big Eildon Spillway.—The overall height of the mass concrete spillway structure is 144 feet, with the spillway crest level 100 feet above foundations. Three gates, each 65 feet 6 inches by 20 feet, have been installed on the crest. The structure contains 117,000 cubic yards of concrete and is 196 feet in length.



Outlet Tower.—Reinforced concrete outlet tower 235 feet high and steel access bridge 168 feet in length from Mt. Sugarloaf. The tower houses a hoist-operated cylinder gate 25 feet in diameter and ten externally-fitted bulkhead sliding gates between supporting piers at its base over the 23-ft. diameter, 1,400-ft. long steel-lined tunnel to the powerhouse.





Powerhouse.—Installation of machines by the State Electricity Commission is still in progress, but eventually the Eildon power station, will have a generating capacity of 135,000 kW, harnessing water which will later be distributed through the Goulburn irrigation system.

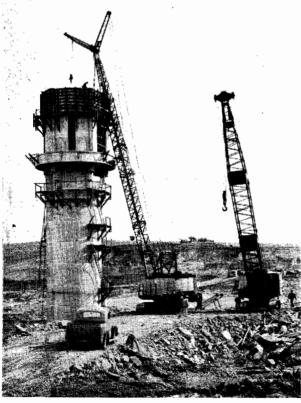


Cairn Curran Dam.

Above: Cairn Curran Dam under construction, showing portion of the main embankment and irrigation outlet with the spillway structure at left. The main embankment will be 2,300 feet long and 120 feet above foundation level. Storage capacity will be 120,000 acre-feet.

Right: Spillway under construction, with installation of electrically-operated radial gates in progress.







Above: Downstream view of radial gates installed in spillway. The maximum depth of water impounded by the dam will be 92 feet.

Left: Outlet tower under construction over the upstream end of the irrigation outlet culvert. The tower will be 135 feet high and has an external diameter of 19 feet.



Goulburn Weir, on the Goulburn River near Nagambie, diverts water released from Eildon Reservoir to the East Goulburn Main Channel on one side of the river, and to Waranga Reservoir on the other. The weir is 550 feet long and is 57 feet in height. The structure is of mass concrete faced with granite masonry, and is fitted with flood control gates. Construction of the weir commenced in 1887 and it was thus one of the first water supply works undertaken in Victoria.

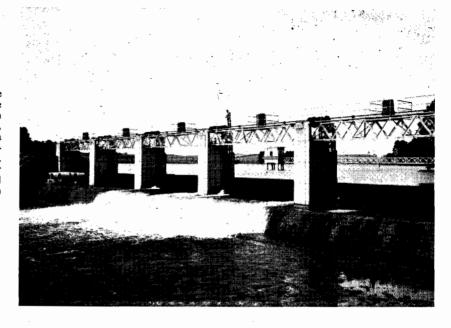
Goulburn-Waranga First Channel, between the Goulburn Weir and Waranga Reservoir, was completed in 1891. It has a capacity of 1,723 cusecs and is 23½ miles in length. Water delivered to Waranga Reservoir is distributed through the Waranga Western Main Channel to the Tongala, Stanhope, Deakin, Rochester, Dingee, Calivil, Tragowel Plains, and Boort irrigation districts.





The Goulburn - Waranga Second Channel now under construction will have a capacity of 1,500 cusecs and a length of 14½ miles. Its construction involves excavation of 5,032,000 cubic yards of earth, the cut varying from 7 to 63 feet in depth and from 20 to 48 feet in bedwidth. The new channel will permit full advantage to be taken of increased water supplies from Eildon Reservoir.

Malmsbury Reservoir.—Concrete spillway of Malmsbury Dam on the Coliban River. The dam, an earth embankment with a clay core wall, is 2,098 feet in length and has a maximum height of 80 feet. Reservoir capacity is 14,400 acre-feet. The Coliban storages supply water to the city of Bendigo and surrounding towns, and for irrigation and mining.



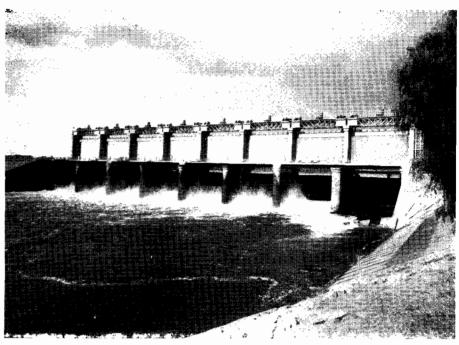


Upper Coliban Dam.—The embankment of this dam is of earth with a clay core wall, and has a maximum height of 93 feet. The syphonic spillway, shown here, is the only one of its type constructed in Victoria. The overall length of the dam is 1,283 feet. The reservoir storage capacity is 25,700 acre-feet.



Lauriston Dam.—This concrete massive buttress dam with rockfill end embankments on the Coliban River has a total length of 800 feet and a height of 116 feet. The reservoir has a capacity of 16,000 acre-feet of water, which is reserved for the maintenance of supplies in recurrent low-rainfall periods in the Coliban system.

Yarrawonga Weir, on the River Murray, diverts water to the Murray Valley Irrigation District in Victoria and to large areas in New South Wales. The weir is 380 feet in length and 90 feet in height. A similar structure 99 feet in length regulates flood flows through an overflow channel on the N.S.W. bank of the river.



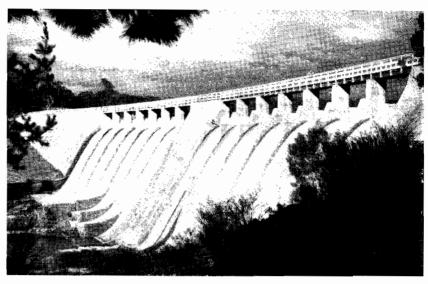


Laanecoorie Weir on the Loddon River consists of an earth embankment and masonry spillway fitted with flood control gates. It has a length of 922 feet and a maximum height of 71 feet. The storage of 6,300 acre-feet of water supplements supplies for irrigation and domestic and stock purposes in Northern Victoria.

Green Lake Reservoir, with a capacity of 6,600 acre-feet, is one of the storages which supplies water to irrigate areas totalling 7,000 acres near Horsham. The reservoir is connected to the Wimmera-Mallee Domestic and Stock Supply System which supplies water through 6,600 miles of channels to an area of 11,000 square miles.

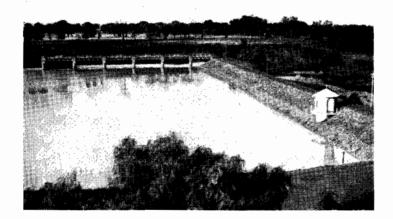


Glenmaggie Dam, on the Macalister River in Central Gippsland, is a concrete structure 961 feet in length impounding 106,000 acre-feet of water. This water is supplied for irrigation to the Maffra-Sale and the newly developed Central Gippsland Irrigation Districts. The capacity of the reservoir is to be increased to 150,000 acre-feet by installation of sector gates on the spillway to raise the maximum water level by 10 feet.

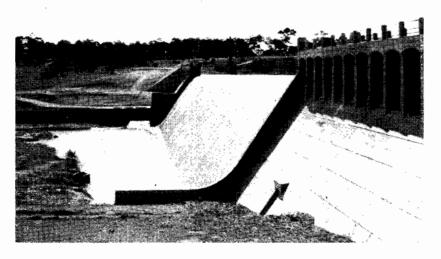




Pyke's Creek Reservoir, on the Werribee River, has a capacity of 19,400 acre-feet and supplies the Bacchus Marsh and Werribee Irrigation Districts. The embankment of earth with a clay puddle core wall is 1,270 feet long and 128 feet high. The spillway section is 290 feet long.



Melton Reservoir, on the Werribee River, has a capacity of 15,500 acre-feet and supplies the Werribee Irrigation District. The dam is 986 feet long and 116 feet high, consisting of rock with a concrete core wall. Five gates, each 40 feet by 5 feet, are installed in the concrete spillway.



Rocklands Dam impounds 272,000 acre-feet of water on the Glenelg River for use in the Wimmera-Mallee Domestic and Stock System. The dam is a concrete structure 1,637 feet long and 77 feet high. The central spillway section is 600 feet long.



Right.—Reinforced concrete pipe siphon carried over creek on pre-cast concrete bridge structure. The Tarago Main Race includes $7\frac{1}{2}$ miles of siphons and a tunnel 2 miles long in its total length of $16\frac{1}{4}$ miles.

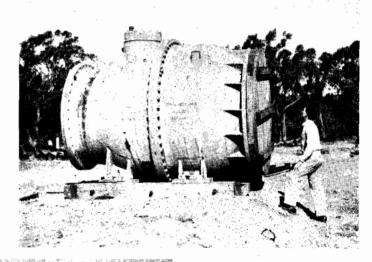
Tarago River Diversion Works.

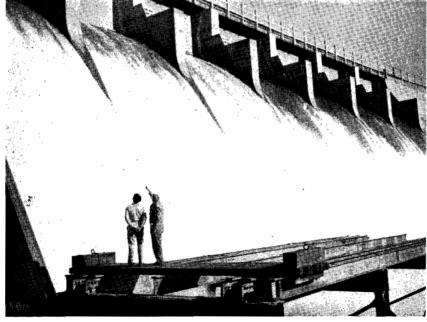
Left: Reinforced-concrete bench flume, part of the works now being constructed to carry water from the Tarago River into the Mornington Peninsula System. With an increase from 12,000 to 25,000 tenements served by the Mornington Peninsula System in the last nine years, the water resources of the system have been greatly overtaxed. The works under construction will supplement the existing supply by 8.6 million gallons per day, and provision is being made for this to be doubled when required.



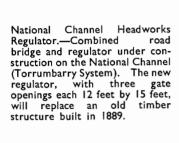
Glenmaggie Reservoir.

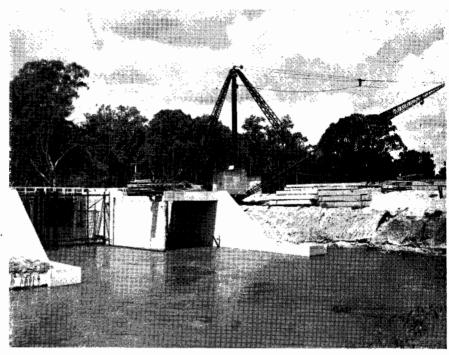
Right: One of two 59-in. diameter annular slide valves for installation in the new southern outlet at Glenmaggie Reservoir.

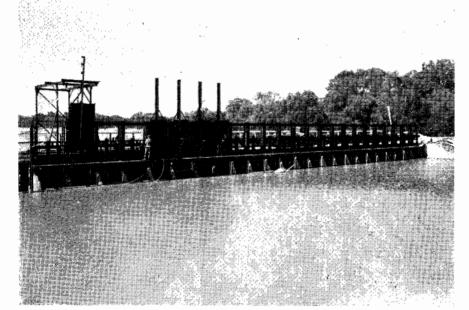




Left: Portion of trestleway for a travelling luffing gantry crane erected at the downstream face of Glenmaggie Dam prior to construction and installation of new outlet works.







Loddon Weir.—Vertical lift steel gates being installed on the Loddon Weir, replacing wooden drop-bars which had been in use previously to control diversions at the crossing of the Loddon River and the Waranga-Western Channel. Each of the 28 new gates, which are operated in pairs, are 10 feet high by 6 feet wide.

Macorna Channel Flume.—Precast reinforced concrete elevated flume on the Macorna Channel at the Pyramid Creek crossing. The flume is 30 feet wide, 5 feet 3 inches deep and 223 feet long, and has a capacity of 350 cusecs. It is supported on piers and beams at 9-ft. intervals. The L-sections and slabs used in construction were pre-cast at the Central Plant Workshops, Bendigo, and transported by road to the works site.

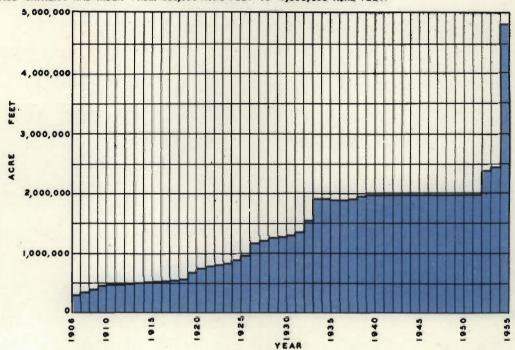


By Authority: W. M. Houston, Government Printer, Melbourne.

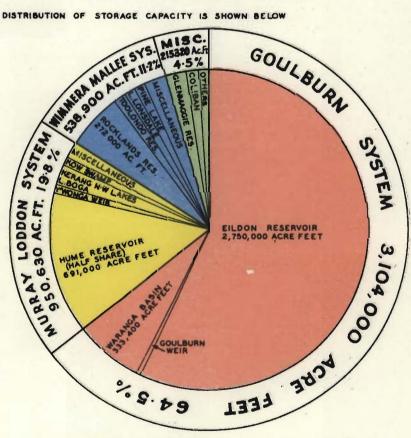


IRRIGATION AND WATER SUPPLY DEVELOPMENT SINCE THE FIRST ANNUAL REPORT OF THE COMMISSION IN 1906 TO THE FIFTIETH ANNUAL REPORT IN 1955.

I. STORAGE CAPACITY HAS RISEN FROM 280,000 ACRE FEET TO 4,808,950 ACRE FEET.



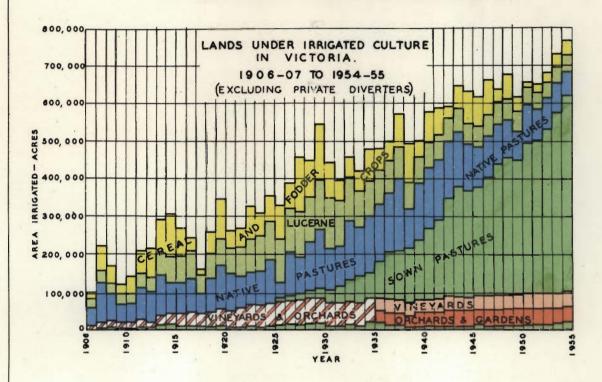
2. THE PRESENT DISTRIBUTION OF STORAGE CAPACITY IS SHOWN BELOW



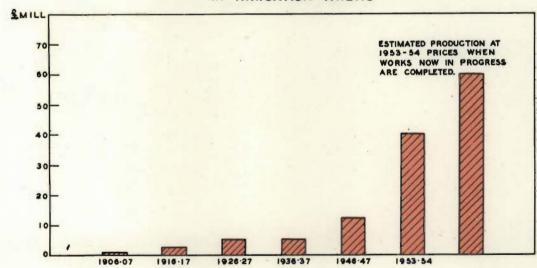
STORAGES - 30TH JUNE 1955. TOTAL CAPACITY 4,808,950 ACRE FEET.

IRRIGATION

THE AREA IRRIGATED IN 1906-07 WAS 99,600 ACRES COMPARED WITH 764 100 ACRES IN 1954-55.



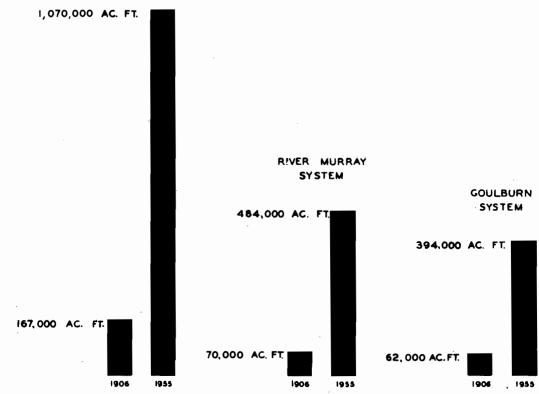
VALUE OF PRIMARY PRODUCTION IN IRRIGATION AREAS



INCREASE IN IRRIGATION 1906-1955

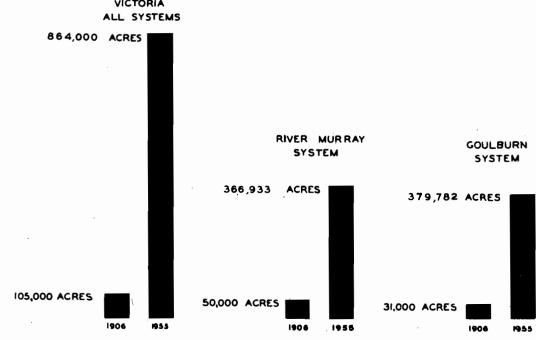
(INCLUDING PRIVATE DIVERTERS) WATER DELIVERIES





AREA IRRIGATED

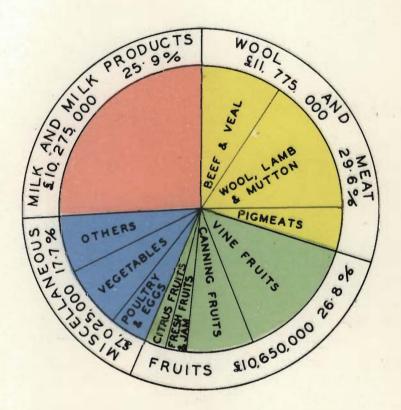




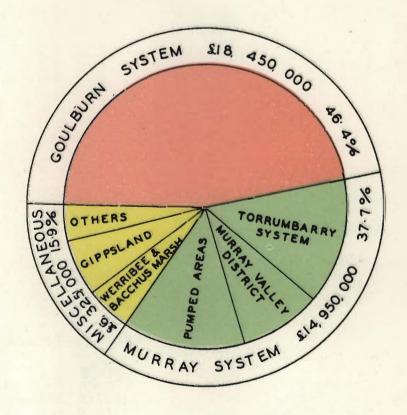
PRODUCTION IN THE IRRIGATION DISTRICTS IN 1953-54 WAS VALUED AT £39,725,000.

A.

PRODUCTION
BY TYPES
OF PRODUCT

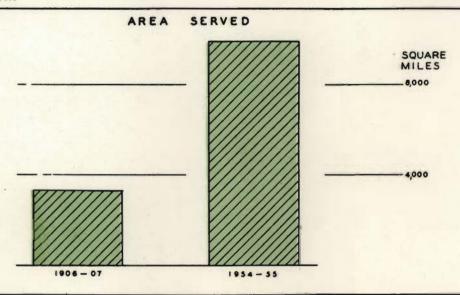


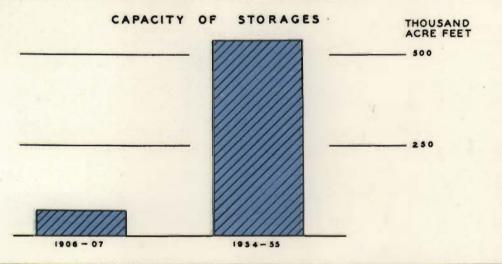
B.
PRODUCTION
BY AREAS

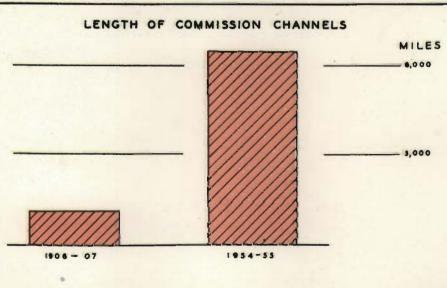


DOMESTIC AND STOCK WATER SUPPLY FOR WIMMERA AND MALLEE

THE MAIN D MESTIC AND STOCK SUPPLY SYSTEM IS IN THE WIMMERA-MALLEE REGION. THE DEVELOPMENT OF THE WATER SUPPLY SYSTEM IS SHOWN BELOW.





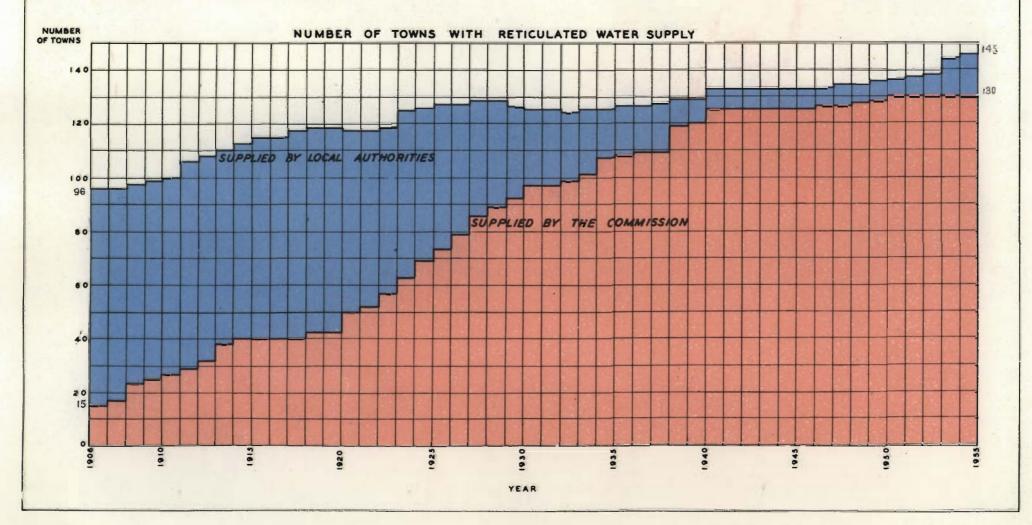


RETICULATED WATER SUPPLY AND SEWERAGE POPULATION SERVED WITH POPULATION SERVED WITH RETICULATED WATER SUPPLY SEWERAGE SYSTEM (EXCLUDING METROPOLITAN AREA) 1000 1 000 750 500 POPULATION 1955 1906 1906 1955 1906 1955 1906 1955 LEGEND LEGEND RETICULATED SUPPLY NOT SUPPLIED NOT SEWERED

URBAN WATER SUPPLY

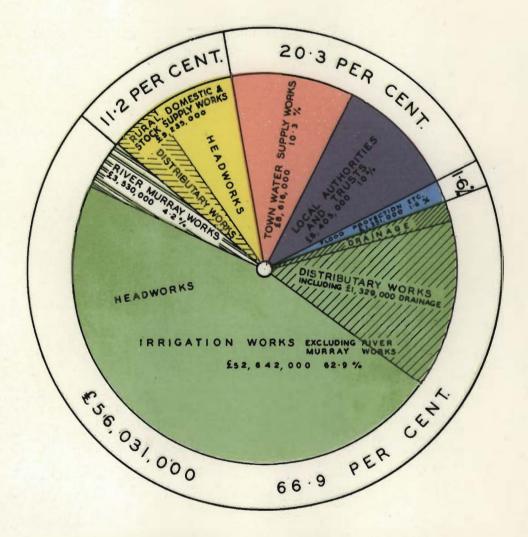
THE NUMBER OF TOWNS WITH A RETICULATED WATER SUPPLY HAS RISEN FROM III IN 1906-07 TO 275 IN 1954-55.

TWO-THIRDS OF VICTORIA'S COUNTRY POPULATION ARE SUPPLIED BY THE COMMISSION OR BY A LOCAL AUTHORITY UNDER THE CONTROL OF THE COMMISSION.



CAPITAL WORKS OF WATER SUPPLY

The following graph shows how the net capital expenditure has been divided. The major items are:— IRRIGATION, TOWN WATER SUPPLY and DOMESTIC and STOCK SUPPLY WORKS.



DISTRIBUTION OF NET CAPITAL

EXPENDITURE TO 30TH JUNE

1955,—£83,779,000.

INCLUSIVE OF £2,861,000

FROM UNEMPLOYMENT RELIEF FUNDS