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VICTORIA

STATE RIVERS AND WATER SUPPLY COMMISSION

FIFTY-SEVENTH
ANNUAL REPORT
1961-62

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STATE RIVERS AND WATER SUPPLY COMMISSION

90 Orrong-road,
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ANNUAL REPORT, 1961 - 62

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 1961-62, and Estimates for the ensuing year.

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

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

A. L. TISDALL, Commissioner,
M.Agr.Sc., F.A.I.A.S.

M. T. IRONSIDE, A.A.S.A., Secretary.

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ANNUAL REPORT

OF THE

STATE RIVERS AND WATER SUPPLY COMMISSION

FOR

YEAR ENDED 30TH JUNE, 1962.

SUMMARY OF REPORT.

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

WATER SUPPLY.

The capacity of water storages controlled by the Commission at 30th June, 1962 was 4,263,618 acre feet. In addition, River Murray storages with a combined capacity of 2,722,840 acre feet are shared equally by New South Wales and Victoria under the River Murray Water Agreement, subject to certain obligations to South Australia. The total storage capacity available to Victoria is thus some 5,625,038 acre feet, which may be compared with 1,977,320 acre feet at 30th June, 1952.

The completion of the Eppalock Reservoir, now under construction, will lift the total capacity available to Victoria to 5,873,838 acre feet.

IRRIGATION DEVELOPMENT AND WORKS.

The area irrigated in 1961-62 was 1,117,900 acres, the highest ever registered, and six per cent. above the previous record in 1959-60. The number of private diverters was a record at 5,092 compared with 4,704 in 1960-61.

Water deliveries for irrigation totalled 1,744,473 acre feet, also the highest registered to date and nine per cent. above the previous record in 1957-58. Record quantities of water were delivered in the Goulburn-Loddon, Torrumbarry, Macalister and Werribee systems, but some individual irrigators in the northern gravitation system, who had been receiving much more than their entitlement pending enlargement of channels serving other Irrigation Areas, had to be limited to 165 per cent. of their ultimate water rights.

Value of production in 1960-61 was a record £61,125,000 compared with £57,800,000 in 1959-60.

In the Goulburn Irrigation System, good progress was made on channel enlargement works to distribute additional water from Eildon and other reservoirs. Work was concentrated in the Rodney, North Shepparton and Tongala-Stanhope Irrigation Areas where a number of channels were finished or virtually completed. Progress was also made on drainage works, principally in the Deakin Irrigation Area.

Excellent progress was made on the Eppalock Reservoir Project to enlarge the previous small storage of 1,200 acre feet capacity to 250,000 acre feet. This will provide 12,000 acre feet annually for pumping to the Bendigo urban area which is now entirely dependent upon the Coliban System, and some 55,000 acre feet for irrigation and domestic and stock use, along the Campaspe River and in the Goulburn and Torrumbarry Irrigation Systems. Both the main and secondary banks were completed to the stage where water could be stored. It is expected that all works will be completed and operable in 1963-64.

In the Murray Valley Irrigation Area, 194 miles of drains had been excavated at 30th June, 1962, out of nearly 225 miles required to serve all blocks in the Soldier Settlement Area.

TOWN AND INDUSTRIAL WATER SUPPLY AND SEWERAGE.

At 30th June, 1961, the number of country towns provided with reticulated water supplies by the Commission or by Local Trusts and Authorities was 327, and these served 756,670 persons. Five new town supplies were brought into operation at Cressy, Katandra West, Learmonth, Millgrove and Warrandyte by newly constituted Waterworks Trusts and new Trusts were constituted for another five towns. The Commission commenced supply to Indented Heads—St. Leonards, and also to Hampton Park on the Mornington Peninsula.

Expenditure by local water supply authorities on loan works was £3,770,207 of which £2,638,207 was provided from Government loan funds. The former figure was the highest recorded and the latter was the second highest.

The Central Highlands Project was brought into operation during the year, which was one of low flow in the Werribee River. These works provide for water to be pumped across the Divide to enable 1,000 acre feet to be supplied annually to a new hardboard factory at Bacchus Marsh, without detriment to irrigation interests at Bacchus Marsh and Werribee dependent on the Werribee River.

At 30th June, 1962, there were 44 Sewerage Authorities with works in operation to serve 409,242 persons, new systems being brought into operation at Bacchus Marsh, Corryong, Kaniva, Sale and St. Arnaud. Good progress is being made with eight other new systems.

Capital expenditure on sewerage work was £3,250,387, which was 30 per cent. above the previous record in 1960-61. Of this, Government loan funds contributed £385,316.

RIVER IMPROVEMENT, FLOOD PROTECTION AND DRAINAGE.

Seventeen River Improvement Trusts and three Drainage Trusts were in operation at 30th June, 1962. Expenditure under the River Improvement Act was a record £224,872.

The waters of Lake Corangamite continued to recede, and on 30th June, 1962, were 3ft. 4 ins. below the record high flood level of October, 1960. Approximately one-third of this reduction was due to diversion waters from the Woody Yaloak River to the Barwon River, and the further reduction was due to evaporation from the lake surface. There is now available substantial pondage in the Cundare Pool which could intercept up to 50,000 acre feet of fresh water from the Woody Yaloak River and enable it to be released gradually into the Barwon River through the diversion channel.

OUTSTANDING BENEFITS FROM WATER CONSERVATION.

Although rainfall in Victoria's northern districts in 1961-62 was almost average, rainfall over the major catchments was substantially below average. Stream flows of the principal rivers of south-eastern Australia fell to less than half of their long-term average, and if it had not been for the great water storages completed in recent years by the State Rivers and Water Supply Commission, the position of the irrigation areas would have been very difficult, with adverse effects on the Victorian and national economy.

As it was, the Commission was able to deliver record quantities of water. A total of 1,744,473 acre feet was delivered throughout the State, or nine per cent. above the previous highest figure of 1,603,790 acre feet established in 1957-58. Record deliveries were made to all systems, but notably to the Goulburn-Loddon Irrigation Areas (an increase of 54,000 acre feet), Murray Valley (10,000 acre feet) and southern systems (24,000 acre feet).

The area of lands irrigated throughout the State was also higher than ever previously registered, namely, 1,117,900 acres compared with 1,052,782 acres in 1950-60.

The Commission is pressing on with its policy of conservation, and very good progress was made during the year with the enlargement of Eppalock Reservoir to store up to 250,000 acre feet in the Campaspe Valley.

A matter which caused considerable concern, however, was the inadequacy of loan funds to enable more rapid progress to be made on the Goulburn System channel remodelling to provide for maximum use of Eildon and other water. A major project which could not be started was the enlargement of the Waranga-Western Channel from Waranga Reservoir to the Campaspe Syphon, estimated to cost £3,500,000 for 43 miles, and the enlargement of a further 50 miles to the Loddon River which would involve an additional £1,500,000.

Another important task awaiting funds is the reconstruction of the water distribution system to reduce losses throughout those areas of the Goulburn-Murray Irrigation District which are supplied from Torrumbarry Weir. Linked with this is the long-awaited proposal to provide a more direct supply to Swan Hill Irrigation Area either by construction of Marraboor Weir or by a pumping station at Swan Hill.

Many other investigations were continued during the year, particularly in connexion with the general enquiry being made by the Parliamentary Public Works Committee into Victorian Water Resources. These included studies of the Ovens and Broken River Systems, recommendations being made to the Committee for storages to be built on the Buffalo River (Ovens System) and at Nillahcootie and Winton Swamp (Broken System). The State Rivers and Water Supply Commission was also represented on a Technical Committee set up by the River Murray Commission to investigate the benefits which could be obtained from the large Chowilla Storage proposed on the Murray, whilst an important new enquiry into the development of Victoria's underground water resources was started by the State Development Committee.

ASSOCIATED ORGANIZATIONS.

River Murray Commission.

The River Murray Commission is constituted by and administers the River Murray Waters Agreement, which provides for the regulation and interstate apportionment of River Murray waters. The Agreement dates from 1915 when it was ratified in its original form by the Parliaments of the Commonwealth and the States of New South Wales, Victoria and South Australia. There are four Commissioners, representing the Commonwealth and the three States.

Meetings of the River Murray Commission during the year were attended by Mr. L. R. East, Commissioner representing Victoria.

The Snowy Mountains Council.

The Snowy Mountains Council is constituted under the Snowy Mountains Hydro-Electric Agreements, which came into operation in January, 1959, on ratification by the Parliaments of the Commonwealth and the States of New South Wales and Victoria. The duties of the Council include the direction and control of the operation of the permanent

works of the Snowy Mountains Hydro-Electric Scheme constructed under the Agreements by the Snowy Mountains Hydro-Electric Authority, and advising on the co-ordination of works undertaken by the Authority and the two States in connexion with irrigation and the generation and transmission of electricity.

The Council consists of eight members, two each representing the Commonwealth, the respective States and the Authority.

Meetings of the Council during the year were attended by Mr. L. R. East as a Victorian representative.

International Commission on Irrigation and Drainage.

The International Commission on Irrigation and Drainage, constituted in 1950, is an international organization established to pool experience in the engineering, economic, and social aspects of irrigation and drainage for the mutual benefit of the participating countries. Forty-six countries, including Australia, are members.

The Australian National Committee of the International Commission, comprising representatives of Statutory Authorities, Government Departments, firms and individuals actively interested in irrigation and drainage, was set up in 1953. The State Rivers and Water Supply Commission is a member of the organization, and is represented on the Committee by Mr. L. R. East, who is also a Vice-President of the International Commission and the Chairman of the Australian National Committee.

Land Utilization Advisory Council.

The Land Utilization Advisory Council is constituted by the Soil Conservation and Land Utilization Act. Its functions are to make recommendations to the Soil Conservation Authority as to the constitution and definition of "water supply catchment areas", and to advise the Minister for Conservation and the Authority on policy in regard to land use in such "areas" after their proclamation.

The Council consists of five heads of State Departments or instrumentalities—Soil Conservation, Agriculture, Forests, Lands and Water Supply—or their respective nominees. Meetings during the year were attended by Commissioner A. L. Tisdall deputizing for Mr. L. R. East.

Underground Water Conference of Australia.

The Underground Water Conference of Australia is a permanent Conference which was set up following recommendations from the Commonwealth-States Conference on Underground Water held in June, 1959. Its membership comprises two representatives from each State and representatives from appropriate Commonwealth organizations. By Government appointment, Mr. L. R. East is a Victorian representative, with Mr. H. W. McCay as his deputy.

The second annual meeting of the Conference was held in Adelaide in May, 1962. A State Committee, on which Mr. L. R. East represents the Commission, was formed during the year.

Wildlife Reserves Investigation Committee.

The Wildlife Reserves Investigation Committee, set up by the Premier, advises the Government on what areas of land should be reserved for wildlife, and whether any amending legislation is necessary for their management.

Commissioner A. L. Tisdall, the Commission's representative on the Committee, is its Chairman.

OVERSEAS STUDIES.

Mr. H. E. Pullar, Senior Inspector of Accounts, and Mr. J. N. Churchyard, Economics Research Officer, visited the U.S.A. in May, 1961, to study financial and accounting techniques of irrigation districts in California and Arizona, and of the Federal Bureau of Reclamation.

NEW HEAD OFFICE BUILDING.

A new Head Office building, to accommodate the whole of the Commission's central staff, was opened officially by Hon. M. J. Mibus, M.L.A., Minister of Water Supply, on Thursday, September 14, in the presence of the Premier of Victoria, Hon. H. E. Bolte, M.L.A., and other official guests.

Construction of the building, which has three stories above ground level, was commenced in November, 1959, and the main building was ready for occupation early in May, 1961.



The official party at the opening of the new Head Office building, photographed with Eildon Dam as a backdrop.

PARLIAMENTARY PUBLIC WORKS COMMITTEE.

Water Resources of Victoria.

Terms of Reference for this enquiry were given in the 1960-61 Annual Report (page 10).

Further evidence was submitted on behalf of the Commission dealing in some detail with storage possibilities in the Ovens, Broken, Seven Creeks and Avoca River Basins. A list was also submitted giving information for all known storage sites in the State, other than the Kiewa, Mitta, and Upper Murray, where the question of further conservation of waters is one for the River Murray Commission.

Evidence was also given concerning losses of water between headworks and irrigated lands and on the question of whether the present system of using natural waterways and lakes as carriers for irrigation water in the Torrumbarry System should be abandoned.

Lake Corangamite.

Terms of Reference for this enquiry were given on page 12 of the 1960-61 Annual Report and other references to this project will be found on page 26 of this report.

Further evidence was submitted, on behalf of the Commission, covering suggestions made by witnesses for accelerating the recession of the lake level.

Wimmera River.

In the 1960-61 Annual Report (page 12), details were given of the Committee's recommendation that a dam be constructed on Fyans Creek, augmented by certain small streams on the Wannon River. In a subsequent report, of 22nd March, 1962, the Committee recommended that the Commission carry out additional works at an estimated cost of £110,000 to provide irrigation to landholders along the Toolondo Channel, Darragon Creek and the Wimmera River.

STATE DEVELOPMENT COMMITTEE.

Underground Water.

The State Development Committee was asked to enquire into and report on the underground water resources of the State, under the following Terms of Reference :—

1. What action is considered necessary or desirable—
 - (a) to control the development and use of underground waters for the purpose of safeguarding such waters against pollution or excessive depletion ;
 - (b) to ascertain the extent and nature of the underground water resources of the State ;
 - (c) to make such information available to the public ;
 - (d) to provide for advice to be available to the public in regard to the development and use of underground waters.
 2. What Departments and/or Authorities should take action in regard to these matters.
 3. What legislation is considered necessary or desirable.
 4. Any other matters which appear to the Committee to be relevant to the enquiry.
- The enquiry is proceeding.

IRRIGATION.

Area Irrigated.

The total area irrigated in 1961-62 was 1,117,900 acres, which was 11 per cent. more than the previous highest figure of 1,052,782 acres irrigated in 1959-60.

Details of areas irrigated in 1961-62 are given in Appendix " B ". The summarized figures are shown below giving a comparison with the two previous years.

AREAS IRRIGATED 1959-60 TO 1961-62—ACRES.

System.	1959-60.	1960-61.	1961-62.
Goulburn-Loddon System	475,930	432,207	506,465
Murray Systems—			
Torrumbarry	238,503	238,348	234,785
Murray Valley	109,958	107,830	110,503
Pumped*	41,662	41,590	41,978
Southern Systems—			
Macalister	54,773	50,189	58,703
Bacchus Marsh-Werribee	12,103	11,787	11,805
Other Commission Systems	17,147	17,008	19,465
Private Diversions†	102,706	108,221	134,196
Total ..	1,052,782	1,007,180	1,117,900

* Includes First Mildura Irrigation Trust.

† In addition, approximately 35,000 acres are irrigated by private diverters in the Torrumbarry System and included in the figures for that System.

Compared with the two preceding years, the main features of 1961-62 were the substantially increased areas irrigated in the Goulburn-Loddon and Macalister Systems and by private diverters. Record areas were irrigated in all three of these groups.

In the Goulburn-Loddon System, the area irrigated in 1961-62 was 74,000 acres above the 1960-61 figure. The increase occurred mainly in the areas under annual pastures (46,000 acres) and cereals (14,500 acres), and were concentrated principally in the Irrigation Areas of Tragowel Plains (21,500 acres), Boort (17,000 acres) and Rodney (14,500 acres). However, in all Irrigation Areas of the System, larger areas were irrigated in 1961-62 than in 1960-61.

Private diverters irrigated an extra 26,000 acres and Macalister irrigators an extra 8,500 acres. In both cases, the increase was mainly in perennial pastures.



Injection of Aqualin, a new chemical for weed control, into a Commission channel. Use of this weedicide has greatly improved the capacity of main carriers such as the Yarrawonga Main Channel.

Water Deliveries.

A record volume of 1,744,473 acre feet of water was delivered in all districts for the 1961-62 season, despite limitations on usage by irrigators in some areas of the Goulburn-Murray Irrigation District, who, for some years, had been able to purchase substantial volumes of water over and above their ultimate entitlements pending enlargement of channels to other areas. This represents an increase of almost 9 per cent. over the previous record delivery of 1,603,790 acre feet in 1957-58. Record volumes were delivered in all major systems.

Dry conditions were experienced during winter and spring, and the inflow to all storages throughout the year was substantially below average. For example, the total inflow to Eildon Reservoir from 1st May, 1961 to 30th April, 1962, was 583,000 acre feet, or only 40 per cent. of the average inflow. Since gaugings at Eildon were commenced in 1916, lower inflows have been recorded only in 1937-38 and 1940-41 when the inflows were 546,000 acre feet and 568,000 acre feet respectively.

However, Eildon Reservoir was planned to carry over surpluses of wet years to meet deficiencies in dry years, and a substantial volume of water was carried over in storages at the close of the 1960-61 season. Consequently, notwithstanding the low inflow, the Commission was able to announce at the start of the irrigation season that in the Goulburn-Murray Irrigation District, ultimate water rights plus 30 per cent. sales quota and excess sales equal to a further 10 per cent. of water rights would be delivered.

The position was reviewed frequently throughout the season in the light of any changes in conditions and the total volume ultimately made available to individual irrigators was increased, after consultation with the Advisory Boards, to 165 per cent. of ultimate water rights. Over the whole of the 1961-62 season, 712,972 acre feet were delivered in the Irrigation Areas of the Goulburn-Loddon System and 601,001 acre feet in the Districts along the River Murray. The previous highest figures, recorded in 1957-58, were 658,987 and 564,313 acre feet respectively, so that 1961-62 deliveries in these two Systems were $7\frac{1}{2}$ per cent. above the previous record.

In order to provide the increased supplies to Victorian irrigators along the River Murray, it was necessary to pass 130,580 acre feet of water from the Goulburn River to the River Murray during March and April, 1962.

In the Macalister Irrigation District, supplied from Glenmaggie Reservoir and from the Thomson River, it became temporarily necessary during the summer to limit the usage of water by individual irrigators. The Commission was able to withdraw this limitation before the autumn, however, and the total delivery of 89,642 acre feet for the year was substantially in excess of the previous record of 81,234 acre feet in 1959-60.

The volume of 22,552 acre feet delivered in the Bacchus Marsh and Werribee Irrigation Districts during the year was more than 27 per cent. greater than the previous record volume of 17,654 acre feet delivered in 1959-60, but the season ended with very little stored water to carry forward for 1962-63.

The area irrigated by private diversions from streams increased substantially during the season. Many application for authority to divert water were refused because of the dry conditions, and poor river flows in many areas made it necessary to roster, or to prohibit entirely, the use of water for irrigation.

As a result of the high deliveries to Irrigation Districts and private diverters, the total volume in storages at the close of the 1961-62 season was only 2,592,100 acre feet, which was 1,511,710 acre feet less than the volume carried forward from the close of the 1960-61 season.

Deliveries in the last three years are summarized below. Details for 1961-62 will be found in Appendix A.

DELIVERIES FOR IRRIGATION, 1958-59 TO 1960-61—ACRE FEET.

Delivered to Districts.*	1959-60.	1960-61.	1961-62.
Goulburn-Loddon System	610,012	504,536	712,972
Murray System—			
Torrumbarry	201,340	174,427	286,906
Murray Valley	191,299	169,788	190,955
Pumped†	126,136	122,546	123,140
Macalister System	81,234	59,069	89,642
Werribee System	17,654	15,404	22,552
Other Commission Districts	29,900	31,307	29,551
Private Diversions	270,104	296,641	288,755
Totals ..	1,527,679	1,373,718	1,744,473

* Including users outside districts from district channels. † Including First Mildura Irrigation Trust.

Soil Surveys.

In conjunction with the Department of Agriculture, soil surveys were continued in the Rochester Irrigation Area and commenced at Swan Hill, 116,000 acres being surveyed.

Appeal Boards.

Appeal Boards, comprising representatives of the irrigators, the Department of Agriculture and the Commission, met and dealt with appeals in the North Shepparton, Murray Valley, Tongala-Stanhope and Rodney Irrigation Areas, from a relatively small number of irrigators in these Areas who were dissatisfied with the description of their land in the Register of Lands.

Efficient Water Use.

Investigations indicate that with gravitational irrigation, much water is wasted because of uneven application resulting from flows by individual irrigators being too small.

Some irrigators in the Central Gippsland Irrigation Area are collaborating with the Commission in measuring the advantages of using larger flows, and investigations are in progress on properties at Rochester and Swan Hill to determine what flows are necessary to wet the soil uniformly to the depth of the root zone.

Two joint investigations with C.S.I.R.O. at Red Cliffs are continuing, the first to discover soil treatments for frost protection which will use less water than current practices, the second to study the role of the drain trench in drainage flows and to ascertain irrigation practices which will reduce its effect.

Watertight Seals.

Watertight seals developed recently by the Commission for use in meter outlet gates are being used in reconstructing works in all districts. It is expected that savings of up to 100,000 acre feet per annum of water now wasted will ultimately be achieved when this work is complete. These seals are also useful for farm structures such as channel checks and bay outlets.

Following inquiries from many sources throughout Australia, the Commission has arranged for the seals to be made available to agricultural engineering firms and irrigators, and has applied for a registered design, primarily to ensure quality in manufacture.

Water Measurement.

Field conditions which affect the accuracy of measurement of water meter outlets were investigated at Swan Hill and Rochester, with the aim of reviewing the design and operation of metering equipment. Slow water deliveries and poor farm ditches below meters have a considerable effect on accuracy of measurement.

Weedicides.

A newly-developed weedicide, known as "Aqualin" was used to treat 800 miles of channel, with a spectacular improvement in channel flows. For example, the maximum flow of the Northern Main at Koondrook increased from 110 to 160 cusecs although the channel ran 8 inches lower than before.

Other new chemicals showing promise for the unsolved problem of drainage maintenance are "Diquat" for cumbungi and "Paraquat" for water couch grass. Extensive tests proved that they are safe to use, and they will be tried on a moderate scale next year.



Before the Commission adopts any weedicide for use, any hazards in its application and/or to crops is fully investigated. Here, a Commission employee is testing for possible weedicide traces in irrigation water.

Underground Water Supply.

In a joint undertaking with the Mines Department, partly financed by the Tobacco Growers' Association, 24 bores have been drilled to an average depth of 125 feet in the Ovens Valley to explore the possibility of using underground water to irrigate tobacco. Only one worth-while supply was located, the disappointing result being due mainly to the high proportion of silt and clay in the aquifers. Drilling is continuing in the King Valley.

Drainage Investigations.

The Commission continued to install observation wells in irrigation districts as part of a long-term plan to determine drainage needs.

Networks of wells had been established in the Tongala-Stanhope and Central Gippsland Irrigation Areas before 1961-62, and in that year 157 observation wells were sunk in the Murray Valley, Tragowel Plains, Calivil, Dingee and Woorinen areas.

A field survey showed that about 4,500 acres of land in the Tragowel Plains Area are visibly salt-affected. Comparable figures for Calivil and Dingee Areas are 900 and 35 acres respectively.

Investigations over several years in the Central Gippsland Area, during which nearly 400 bores were drilled, have indicated that water-logging of low-lying parts of the district was caused by the saturation of sand beds some 20-50 feet beneath the surface.

Five pumps are now operated intermittently with considerable success to control ground-water levels. The discharge of free-flowing bores into surface drains has also been successfully developed in this area to lower the water-table.

In co-operation with the Department of Agriculture, methods for the quick and economic reclamation of saline land are being worked out on two experimental plots. Attention is also being concentrated on efficient irrigation and, where applicable, on seepage control.

In the Red Cliffs District, the usefulness of restrictor valves on farm outfalls in reducing overloading of internal and external drainage systems was proved on a group of about 70 properties. Further work is being done to even out the effect of outlet restriction on individual properties and so avoid water-logging near outfalls.

A small pocket-sized salinity meter was developed for field use, and eleven of these instruments are being used for routine determination of the salt content of irrigation and drainage waters in country centres.

Extension Activities.

To overcome the growing drainage overload problem in Red Cliffs and Merbein Districts, extension activities are being intensified. The programme included a five-day course for irrigators, two issues of a publication called "Water Talk", displays at Field Days and Trade Fairs, lessons to school children and advice to individual irrigators.

With the appointment of an additional officer to the Irrigation Research Section, extension activities in all areas will be intensified.

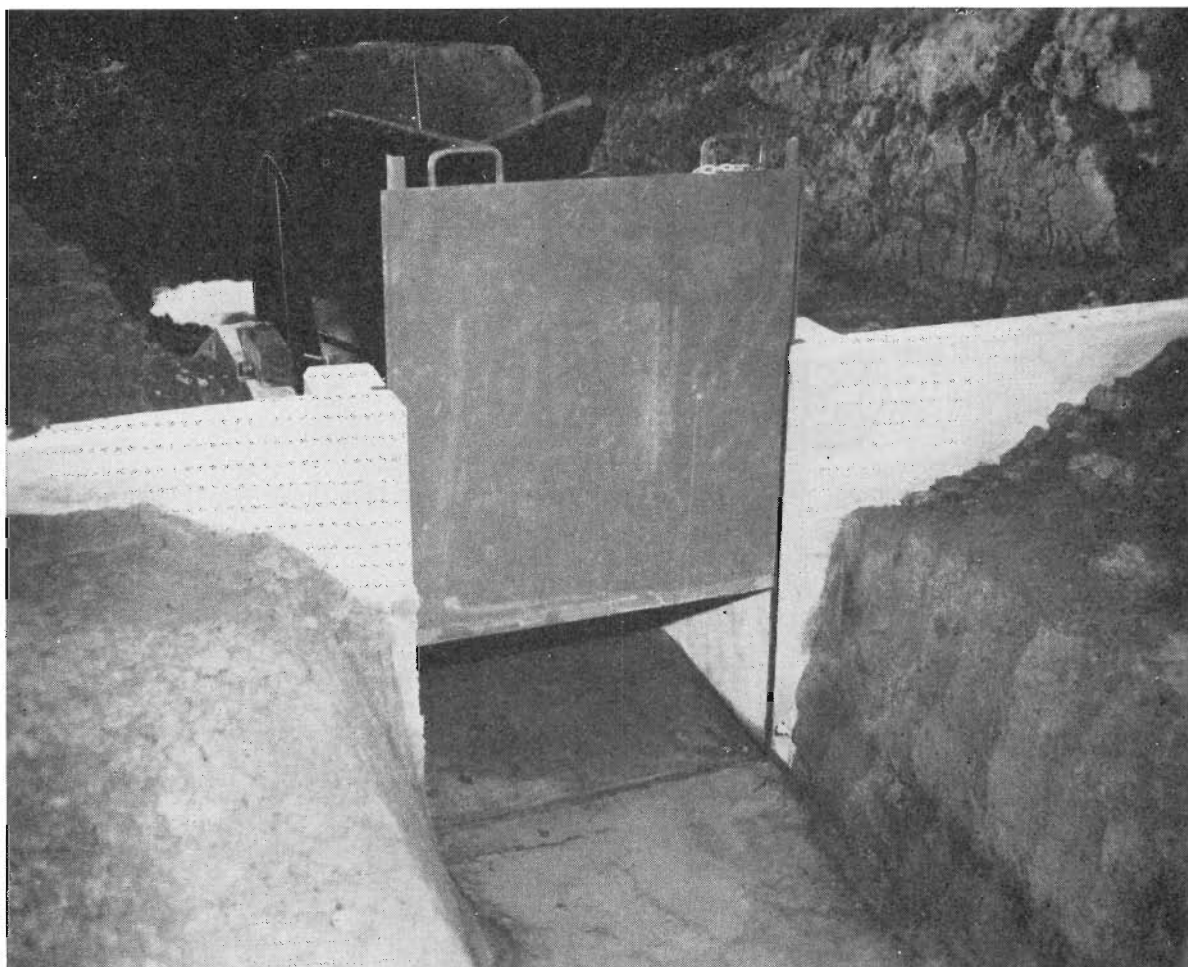
Irrigation Production 1960-61.

Production figures are not yet available for 1961-62, but the value of production in Victorian irrigation districts and of private diverters for 1960-61 was a record £61,125,000. It represented an increase of nearly 6 per cent. over the highest figure previously recorded, in 1959-60. Details for 1960-61 are as follows:—

Irrigation Districts—				£	£
Milk and Milk Products	..	..	..	14,550,000	
Beef and Veal Meats	..	..	..	2,800,000	
Wool, Lamb, Mutton	..	..	..	7,925,000	
Pigmeats	..	..	..	3,000,000	
Poultry and Eggs	..	..	..	1,625,000	
All Livestock	..	..	..	..	29,900,000
Dried Vine Fruits	..	..	..	4,800,000	
Table and Wine Grapes	..	..	..	800,000	
Canning Fruits	..	..	..	3,375,000	
Fresh and Jam Fruits (Deciduous)	..	..	..	2,175,000	
Citrus Fruit	..	..	..	775,000	
All Horticulture	..	..	..	..	11,925,000
Vegetables	..	..	..	..	3,575,000
Other Primary Products	..	..	..	..	3,875,000
Total District Production				..	49,275,000
Private Diverters	..	..	..	..	11,850,000
Grand Total				..	61,125,000

Compared with 1959-60, there was an over-all increase of nearly £3,000,000 or 10 per cent. in value of production from livestock, largely because more dairy and beef cattle were carried. The price of wool and most types of meat also improved substantially during the year.

Value of horticultural products declined by some 5 per cent. Production of soft fruit, and table and wine grapes were all worth more in 1960-61 than in 1959-60, but a fall in both price and output of dried vine fruits caused returns from that crop to drop by nearly 20 per cent.



Watertight neoprene rubber seals for use in meter outlet gates are expected ultimately to save 100,000 acre feet of water now wasted, adding substantially to future irrigation production.

Farm Water Supplies.

The Commission's Farm Water Supplies Branch advises landholder outside constituted districts on matters of water supply, irrigation and drainage. The dry conditions of 1961-62 made landholders increasingly aware of the potential advantages from storing water on their properties and also of the merits of spray irrigation.

Inspections were made on 172 properties and advice given on construction of weirs across creeks, gully dams, &c. Advice on treatment of seepage from poorly constructed dams was also frequently necessary. Many other inquiries were handled by correspondence and personal interview without inspection.

GOULBURN-MURRAY IRRIGATION DISTRICT.

The area classified as irrigable in the Goulburn-Loddon System increased from 719,458 acres in 1960-61 to 737,338 acres in 1961-62, mainly because an additional 17,000 acres in North Shepparton Area were classed as irrigable.

In the same system, water rights were increased from 331,660 acre feet in 1960-61 to 400,638 acre feet in 1961-62, in accordance with formulae agreed on after consultation with Advisory Boards of irrigators. Most of the increase occurred in the eastern Areas of the system, viz. :

Irrigation Area.	Water Rights in Acre Feet.	
	1960-61.	1961-62.
Katandra	9,977	11,890
North Shepparton	15,875	30,460
Shepparton	22,343	26,191
South Shepparton	8,858	12,353
Rodney	92,928	127,754
Tongala-Stanhope	49,749	59,881

Delivery efficiency improved from 63 to 68 per cent. at Shepparton, and from 56 to 60 per cent. at Cohuna.

Development of the Dunbulbalane settlement is proceeding satisfactorily. In 1961-62, 23 fruit blocks and 9 dairy blocks were allocated to settlers.

Earthworks and most structures for the third stage of the Boort No. 2 channel were completed.

Some 250 old timber bridges, culverts, crossings, &c., were replaced by concrete structures ; however, it is estimated that in Rodney Irrigation Area alone there are still about 850 old timber structures remaining.

Some 400 meter outlets were replaced or rehabilitated, exclusive of the many hundreds of doors, wheels and frames which were replaced.

Mechanical methods were used to clean more than 250 miles of channels and about the same length of drains and many hundreds of miles of channels were treated with weedicide, notably at Kerang and Swan Hill.

(Reference is made on page 26 to major channel and drainage construction works carried out in Irrigation Areas administered from Shepparton, Tatura, Tongala and Cobram Centres).

PUMPING DISTRICTS.

(For details of irrigations, see Appendix D.)

Red Cliffs.

Major maintenance was carried out on 7½ miles of concrete channels, including guniting of ¾ mile, resurfacing of 4½ miles, and crack-sealing of 2¼ miles, plus 1¼ miles replaced by pipe-line. Seventy miles of channel banks were sprayed to control paspalum, and 20 bridges and culverts were replaced or widened.

Merbein.

Maintenance of concrete channels included 1¾ miles of resurfacing and 4¼ miles of crack sealing. Half a mile of Commission channel and a mile of party channels were replaced by pipe-lines. Sixty miles of channel banks were sprayed to control paspalum.

One bridge and two culverts were replaced during the year.

Nyah.

Nearly a mile of defective channel was replaced by pipe-lines. Thirty-two wooden silt boxes on drainage pipe-lines were repaired, and five replaced by concrete boxes. Ten chains of outfall open drain were re-located to give better efficiency.

Robinvale.

An additional 41 blocks were connected to the drainage system, making a progressive total of 206 (out of a total of 246) now joined to the external system.

All the individual pumps installed worked satisfactorily, and three Stevens Recorders were installed at drainage outfalls. The drainage system is now completed.

Tresco.

Drainage of the district is now virtually complete, 3 miles of open channel and 1 mile of pipe-line being completed.

SOUTHERN IRRIGATION DISTRICTS.**Macalister District.**

(For investigations into groundwater problems, see page 16.)

All irrigators involved were circularized concerning the allocation of extra water-rights to bring their total water-rights to 1 acre foot per acre of irrigated land. Nearly 60 per cent. applied for extra water-rights, and total water-rights in 1962-63 will be lifted by nearly 13 per cent. to about 65,000 acre feet.

Works included commencement of Riverslea No. 1 Drainage Scheme, prevention of sand deposits into the inlet to the Main Eastern Channel at Maffra Weir, and sealing of some leaking channel banks by poly-vinyl-chloride (P.V.C.). The Macalister Research Farm Co-operative Society purchased a farm at Riverslea and the Commission undertook to supply water to it free of charge.



Cowwarr Weir, on the Thomson River, is used to divert water to the Central Gippsland Irrigation Area of the Macalister Irrigation District. It was first used for this purpose in 1960-61.

Werribee and Bacchus Marsh Districts.

Due to further channel restoration by gunite lining in Bacchus Marsh District, delivery efficiency continued to improve ; a mile of deteriorated channel was restored in 1961-62.

Installation of an auxiliary pumping scheme on the Werribee River, at Bacchus Marsh, to maintain supplies to the new C.S.R. hardboard factory and the town of Bacchus Marsh, was completed.

At Werribee, the improvement of delivery efficiency by sealing cracks in concrete channels and installing neoprene guide strips in meter outlet doors, was continued.

OTHER IRRIGATION.

Private Diverters.

Figures of authorized diversions for the last five years are summarized below, details for 1960-61 being set out in Appendix G.

AUTHORIZED DIVERTERS FOR IRRIGATION.

Year.				Number.	Area Authorized to be Irrigated.
					acres.
1957-58	..	..	..	3,521	115,356
1958-59	..	..	..	4,036	128,277
1959-60	..	..	..	4,494	139,528
1960-61	..	..	..	4,704	144,305
1961-62	..	..	..	5,092	134,651

It will be observed that the area authorized for irrigation by private diverters has increased by a sixth over the period and the number of diverters has increased by nearly a half.

First Mildura Irrigation Trust.

The Trust reported that four general and six special irrigations were provided. Total deliveries of 47,830 acre feet compared with 49,836 acre feet in 1960-61.

Under the Trust's channel improvement programme, $1\frac{3}{4}$ miles of reinforced concrete pipe-line and 40 chains of concrete channel lining were laid.

Drainage improvements made good progress, $3\frac{1}{2}$ miles of drainage pipe being laid, chiefly in the Block E area of Koorlong and on the duplication of the Irymple Valley main drain. In addition, 35 wooden silt boxes were reconstructed in concrete.

Coliban Irrigation.

See under Town Water Supplies, page 21.

DOMESTIC AND STOCK SUPPLY.

Wimmera-Mallee System.

Watering.

Due to below-average rainfall during autumn and winter and to heavier demands, the watering period occupied 281 days compared with 212 days in 1960.

Sand Drift.

Heavy summer rains, following a dry winter in the Mallee, reduced the possibility of a serious increase in channel cleaning costs. Expenditure amounted to £69,326 compared with £62,191 in 1960-61.

Works.

The channel enlargement programme to eliminate dependence on the Goulburn-Loddon System (Annual Report 1958/59, page 26) reached its final stages. Only 1,290 acre feet were received from the Goulburn-Loddon System compared with an average of 19,400 acre feet in the four preceding years and a maximum of 40,408 acre feet in 1930.

Work started on replacing, by a concrete pipe syphon 54 inches in diameter, the galvanized iron flume conveying the Main Western Channel stream across the Yarriambiack Creek near Jung. This will increase the supplies available to the Rainbow and Hindmarsh areas.

A domestic and stock water supply scheme was provided for the first time in March and April of 1962, for 18,000 acres in the parish of Carchap, 24 miles south-west of Horsham. The works consist of a 7-cusec capacity electrically-driven pump, 30 chains of 18-in. diameter concrete rising main, and 14 miles of open channel system.

Remodelling of the Wimmera Inlet Channel was commenced during the year, and many deteriorated timber bridges were replaced by concrete units on remodelled channels throughout the whole system.

Walpeup West Bores Area.

A new bore (No. 102 Boinka) was drilled at the north-west corner of allotment 32, Parish of Boinka. Total number of public bores now supplying farms in this area is 40.

TOWN WATER SUPPLIES.

Administered by Commission.

Bellarine Peninsula System.

Bulk supply of water from the Geelong Waterworks and Sewerage Trust was 511 million gallons, compared with a volume of 443 million gallons in 1960-61. However, dry conditions during the summer holiday period made it necessary to prohibit the use of fixed sprinklers in all towns and areas supplied from the Bellarine Pipe-line and the Bellarine Basin and in the Anglesea Urban District, between 13th January and 6th February.

The new 50-million gallon basin at Ocean Grove was completed and a temporary inlet-outlet main was laid between this storage and the Ocean Grove Pipe-line. The duplicate main between Drysdale service basin and Portarlington storage tank was also completed.

The Indented Head-St. Leonards Urban District was gazetted, and 8.3 miles of 12-in. and 10-in. diameter asbestos cement main were laid between the Portarlington storage and the storage at St. Leonards. Another 6.7 miles of mains were installed within this Urban District, and 2.3 miles within the other districts of the system.

At Clifton Springs, adjacent to Drysdale, private subdividers installed, at their own cost, nearly 3 miles of 18-in. diameter asbestos cement rising main, and nearly 2 miles of 24-in. and 21-in. diameter asbestos cement gravity main, to serve their subdivisions.

New services numbered 514, bringing the total number of services at 30th June, 1962, to 6,194.

Coliban System.

With the dry winter, run-off was just sufficient to fill the main storages by the end of September, 1961. Irrigation was not restricted and no difficulties were experienced in meeting urban demand throughout the year.

Improvement works on the Malmsbury-Bendigo Main Channel included construction of 1.1 miles of concrete flume, the guniting of 0.35 mile, and raising lining over 1.1 miles. Thirty miles of access tracks were also constructed.

At the start of the 1961/62 irrigation season, the basis of the Register of Lands for Irrigation was changed from area to volume.

A pressure pumping system is being installed to improve supply to an isolated high-level area near Alley-street, West Bendigo.

Approximately 3.3 miles of extension mains and 4 miles of replacement mains were laid. New services totalled 403, bringing the total to 18,226 at 30th June, 1962.

Mornington Peninsula System.

The rate of development increased slightly, and 2,373 new services were added to the system, compared with 2,264 in 1960/61 and 2,299 in 1959/60. The number of services at 30th June, 1962, was 33,268.

Control of water supply in the Chelsea-Frankston Urban District between the Mor-dialloc Creek and the Patterson River was transferred to the Melbourne and Metropolitan Board of Works on 1st July, 1962

The prolonged hot dry weather during summer made it necessary to impose restrictions on garden watering as set out below :—

Chelsea-Frankston Urban District (North of the Patterson River)—from 18th November to 13th April.

Dromana-Portsea Urban District—from 2nd December to 3rd February.

Dandenong-Springvale Urban District—from 8th December to 13th April.

Bunyip, Garfield and Longwarry Urban Districts—from 13th January to 3rd February.

All other Districts—from 17th January to 3rd February.

Enlargement works were continued on the Bunyip Main Race, and the height of the concrete-lined channel was raised over a distance of 1.65 miles. Nearly 1½ miles of service and access roads were constructed along the race.

Work was commenced on duplicating the 8½ miles of 36-in. diameter pipe-line between Bittern Reservoir and Dromana Reservoir, and approximately 5½ miles were laid.

The new 36-in. and 33-in. diameter pipe-line between Dromana Reservoir and Rye was completed and brought into operation. Nearly 1½ miles of 12-in. diameter steel pipe was installed along the South Gippsland-highway and Green's-road, Dandenong, to serve industrial development along and adjacent to Green's-road.

To supply a new urban district at Hampton Park, 8.3 miles of trunk and reticulation mains were laid, and a booster pumping station and a 7,200-gallon elevated tank installed.

To improve supply to Pakenham, 1½ miles of 10-in. pipe were installed between the Bunyip Main Race and the Pakenham service basin.

To supply a large subdivision adjacent to Narre Warren, private subdividers paid for and installed a 2.7 million-gallon service basin and also constructed the necessary mains.

Throughout the system, 50 miles of new reticulation mains were laid, including 30 miles in the Dromana-Portsea Urban District and 8 miles laid by private subdividers. Another eight miles of main were replaced.

A start was made on a programme of cleaning and cement mortar-lining cast iron reticulation mains *in situ*, and 7½ miles of mains up to 6-in. diameter were treated in the Chelsea-Frankston and Mornington Districts. Further work is to be carried out in the Somerville, Cranbourne, Dandenong, Hallam Valley, Narre Warren and Berwick Districts.

Otway System.

The total quantity of water discharged through the Otway Main Pipe-line was 855.5 million gallons, consisting of 476.5 million gallons diverted from Arkins Creek and 379 million gallons pumped from the Gellibrand River between October and the end of May.

The booster pumping stations at Mt. Ewen and Terang pumped the following quantities of water :—

Mt. Ewen	..	..	.. 627 million gallons.
Terang	..	..	.. 697 million gallons.

The Cudgee booster pumping station was not required during the year.

The volume of water supplied in bulk to the City of Warrnambool was 480.6 million gallons. The pumping station at Brierly Basin was operated as required between 9th October and 26th March to augment supply to the low-level storage in Warrnambool.

Construction of the Carpendeit Booster pumping station was almost finished.

Supply to the high-level area at Terang was improved by installing a pressure pumping unit.

The duplication with 18-in. diameter steel pipe of nearly 5 miles of the Otway Main Pipe-line between Cobden off-take and Mt. Ewen storage was completed.

New services numbered 71 compared with 104 for 1960-61. The number of services supplied by the system at 30th June, 1962, was 3,208.

Other Towns Supplied by Commission.

Wimmera—Mallee Towns.—At Ouyen a new storage of 36 million gallons was completed, and an additional storage of 19,400,000 gallons was constructed at Beulah. (The Commission directly supplies 38 towns in the Wimmera and Mallee from its channel system, whilst a number of local authorities are also supplied in bulk.)

Wonthaggi.—A replacement pumping unit at the low-level service basin and a new pumping unit at the high-level service basin were put into operation.

An asbestos-cement main was laid to replace 1·2 miles of wood stave pipe-line which had been supplying the State Coal Mines-Kirrak area and properties adjacent to the Inverloch-road since 1926.

Work began on *in situ* cleaning and cement-mortar lining of 3 miles of mains.

Waterworks Trusts and Local Governing Bodies.

Five new town supplies were brought into operation at Cressy, Katandra West, Learmonth, Millgrove and Warrandyte, and new Trusts were constituted to supply Goornong, Melton, Moyhu, Plenty-Yarrambat and Timboon. The Goornong Trust will take over the town supply formerly managed by the Shire of Huntly, and will construct new headworks to obtain a water supply from the Campaspe River. The Kyabram Waterworks Trust ceased to exist, the administration of the Kyabram supply being taken over by the Kyabram Borough Council.

There are now 168 local water authorities operating under the general supervision of the Commission for the supply of water for domestic, industrial and general purposes to 204 country towns. Of these, 160 authorities have works in operation to serve 191 towns, while a number of authorities also meet domestic and stock requirements in rural areas.

Loan expenditure by local authorities on country town water supplies in 1961-62, was £1,761,935, which was £424,241 more than the previous highest figure recorded in 1960-61. This money was all provided by the Government except for £37,000 raised privately.

A further Government loan of £913,272 was advanced to the Latrobe Valley Water and Sewerage Board to complete the large Moondarra Dam on the Tyers River and to lay 4½ miles of 60-in. diameter gravitation pipe-line to connect this reservoir to the Board's existing main which was previously fed by a pumping station further down the Tyers River. The Board also completed the construction of large pipe-lines to supply the power generation project at Hazelwood and the Maryvale paper mill, involving also a new storage of 98 million gallons capacity at Maryvale.

In addition, the Geelong Waterworks and Sewerage Trust borrowed £1,095,000 from private sources for major improvements to supply mains and further construction work on the large earth and rock-fill dam on the West Barwon River. This will impound 5,000 million gallons to augment supply to Geelong and towns on the Bellarine Peninsula. A main extension is being installed to serve large industries at Point Henry.

Total expenditure on town water supplies in 1961-62 was thus £3,770,207, of which £2,638,207 was advanced from Government loan funds. The corresponding figures for 1960-61 were £3,456,509 total, and £2,981,509 provided by the Government.

The Westernport Waterworks Trust made good progress with the construction of a large storage at Almurta, together with pipe-lines and service basins to serve Cowes, Newhaven, San Remo and Bass.

The Colac Waterworks Trust almost completed the major extension of its system to supply towns in the northern portion of the Colac Shire.

At Leongatha, a new storage to impound 150 million gallons is under construction on Ruby Creek.

Good progress was made on new offtakes and supply mains to Lismore and Sunbury, and major improvements to main pipe-lines were commenced at Stawell, Stratford and Warragul.

Extensive improvements to the reticulation system were effected at Ballarat, Moe, Portland and Shepparton, and other major improvements were carried out at Mansfield, Maryborough, Orbost, Traralgon and Wangaratta.

New water purification plants were completed at Leongatha, Mildura, Drouin, Moe and Nathalia, and one at Swan Hill was nearing completion.

SEWERAGE AUTHORITIES.

A new Sewerage Authority was constituted for Seymour, and there are now 68 Sewerage Authorities, excluding the Geelong Waterworks and Sewerage Trust and the Latrobe Valley Water and Sewerage Board, functioning under the general supervision of the Commission. Of these, 44 authorities now have sewerage works in operation. In addition, the Commission directly controls the sewerage system at Eildon.

Five new sewerage schemes at Bacchus Marsh, Corryong, Kaniva, Sale and St. Arnaud were brought into operation, and the connection of houses to the sewers was commenced. Further good progress was made on schemes at Camperdown, Casterton, Euroa, Korumburra, Lorne, Terang, Wodonga and Yarram, whilst construction of new sewerage schemes for Mooroopna, Red Cliffs and Werribee was authorized.

Loan expenditure by Authorities operating under the Sewerage Districts Acts was £2,760,969, which was £625,881 more than in 1960-61.

In addition, the Latrobe Valley Water and Sewerage Board received £139,418 from Government loan funds, principally for further development of the effluent irrigation farm at Dutson, and the Geelong Waterworks and Sewerage Trust borrowed £350,000 privately to extend the sewerage system under its control. Hence, capital expenditure on sewerage works in country cities and towns totalled £3,250,387 of which £385,316 was provided from Government loans funds.

Major reticulation extensions and improvements were commenced or continued at Ballarat, Bendigo, Dandenong, Horsham, Kyabram, Mildura, Mornington, Morwell, Portland, Traralgon, Wangaratta and Warrnambool. Additions to sewage treatment works were undertaken at Moe, Shepparton, Ararat and Echuca.

FLOOD PROTECTION, DRAINAGE AND RIVER IMPROVEMENT.

Koo-Wee-Rup and Cardinia Flood Protection Districts.

Earthworks on the Yallock Main Outfall Scheme were continued at Cora Lynn, and $2\frac{3}{4}$ miles of the north-west catch drain were excavated as part of this scheme. A start was made on a spillway from the Bunyip River to the Yallock Outfall at Cora Lynn.

Privately-owned dredges removed 8,275 tons of coarse, clean sand from the Koo-Wee-Rup Main Canal for commercial use making a total of 960,528 tons since the commencement of these operations in 1925. In addition, 2,876 cubic yards of sand were removed for a similar purpose from the Cardinia Main Drain.

Maintenance included 11 miles of drain-reconditioning by excavators. In addition, 68 miles were sprayed and 75 miles were cleaned by manual labour.

Carrum Drainage District.

Very marked improvement in the flow and the condition of the water in the Kananook Creek resulted from dredging 2,000 feet of the creek downstream from Seaford-road. The Creek, which was previously practically stagnant for most of the year, now has an almost continuous movement of water which is admitted to it during high tides through the automatic gates at Seaford and flows some miles along the Creek to the sea at Frankston.

Maintenance consisted of nearly 10 miles reconditioned by excavators, 18 miles sprayed and 4 miles cleaned by manual labour.

River Improvement and Drainage Trusts.

The number of operative Trusts remains at seventeen for river improvement, and three for drainage. The application for the formation of a new trust to cover the whole of the Shire of Alexandra, which was being considered in 1960-61, has not been finalized, nor have decisions been made regarding the formation of trusts for the Avoca River, and for streams within the Shires of Upper Murray and Heytesbury, which were also mentioned in the 1960-61 Annual Report.

The Seymour Shire Council is considering the formation of a river improvement trust to cover about 34 miles of the Goulburn River in its Shire, and other Shire Councils considering river improvement trusts for streams within their shires are Orbost for the Cann River, Hampden for Mt. Emu Creek, Yea for the Yea and Goulburn Rivers, and Heytesbury for Curdies River. The Buln Buln Shire Council is considering a drainage trust for the Longwarry area.

Extensions were made to the district of the Mitchell River Improvement Trust to take in the Clifton Creek area, and to the Strathdownie Drainage District to include lands in the parishes of Ardno and Drajurk.

Expenditure under the River Improvement Act was £224,872 (£198,662 in 1960-61) including £30,000 received by way of a Commonwealth grant to relieve unemployment. Of this, the Government bore £186,893 (£171,051 in 1960-61), bringing the cumulative expenditure since 1950, when the first trust was formed, to £1,450,897.

Woolpress and Four Mile Creeks.

Control of the flow in these effluent creeks has been a contentious matter for a considerable time. Arrangements have now been made for an Advisory Committee of representatives of the Benalla and Violet Town Shire Councils to control the distribution of flow following the reinstatement of a control structure.

Inspections, Meetings and Visits.

The Sludge Abatement Board, the Erosion Reference Committee, the Interstate Committee on Murray Levees, the Drainage Consultative Committee, and the Interstate Departmental Committee for River Murray Works (on each of which the Divisional Engineer for Rivers and Streams or his deputy is the Victorian representative) were active.

With officers of the Public Works Department and Shire Council representatives, visits were made to several localities with river problems, and conservation and river problems were discussed at Field Days.

A conference with Shire Engineers at Horsham discussed an over-all scheme for river improvement in the Wimmera River.

Rivers and Streams Fund.

Grants from this Fund are made to local authorities—often acting on behalf of landholders—towards the cost of river improvement works as defined in the River Improvement Act. The basis of the grants is usually £2 from the Fund to each £1 contributed locally. The Fund is also used for river surveys and other works which are considered to be within the scope of river improvement.

In 1961-62, revenue to the Rivers and Streams Fund was £46,169, derived from licence fees received in respect of Crown lands along watercourses and lakes, and including £21,127 as the nett fees from licences and permits to divert water. In 1961-62, 105 grants totalling £50,998 were made. Since the Fund was initiated in 1930, the cumulative figures are 2,136 grants totalling £593,856.

“Frontage grants” are made to Authorities under the River Improvement Act in lieu of fees collected from Crown lands along the streams within their Districts. In 1961-62, £8,775 was allotted to the sixteen Trusts eligible to receive grants.

Lake Corangamite Reclamation Project.

In 1961-62, the level of the lake receded a further 19 inches, and at 30th June, it was 3 feet 4 inches below the record level of October, 1960. With rainfall in the district below average, the lake rose by only 0·6 feet in the winter and spring of 1961, and in the summer fell by 2·2 feet.

Some 18,000 acre feet of water were diverted from the Woody Yaloak River to the Barwon River for periods totalling 134 days, bringing the total for the three years of operation to 81,000 acre feet. But for these diversions, the water in Lake Corangamite would now stand 13 inches higher and cover an additional 1,200 acres.

In Lake Gnarpurt, which has been connected to Lake Corangamite by a culvert and regulator, the water is now five feet below the 1960 flood peak.

An important result of the operation of the works to date is that the Cundare Pool has been reduced to six feet below the 1960 peak level and could now intercept a large flood of up to 50,000 acre feet from the Woody Yaloak River. The amount of salt in the Pool has been reduced by some 250,000 tons, and it is steadily changing in character to a freshwater storage.

(For information on the current Inquiry regarding Lake Corangamite by the Parliamentary Public Works Committee, see page 11).

INVESTIGATIONS, DESIGN AND CONSTRUCTION.

Works under Construction.

Goulburn-Loddon Irrigation System.

Expenditure on new works totalled more than £900,000. This included some £200,000 spent on drainage works, mainly in the Deakin Irrigation Area where nearly 8 miles of drains were excavated.

Most of the expenditure on irrigation works was incurred in the Irrigation Areas of Rodney (£300,000), North Shepparton (£275,000) and Tongala-Stanhope (£90,000).

In Rodney, earthworks and structures were completed for the remodelling of channel 19/6, channel 8 (Waranga-Kyabram), and almost finished for the second stage of channel 6/4 (Kavanagh). Earthworks on channel 3/8 and a new outlet leading to channel 9 (Wyuna) were also finished. Seventeen bridges were constructed on the remodelling works, and 25 old timber bridges were replaced.

In Tongala-Stanhope, remodelling of channel 9 (Wyuna) was completed to a mile downstream of the Echuca-Toolamba Railway.

Six new spur channels were put into operation in South Shepparton Irrigation Area. In North Shepparton, works included 80 per cent. of the earthworks and half of the structures along channel 18, the first 19 miles of channel 12 (Kaarimba Main), and virtually all the earthworks for the enlargement of channel 17. Approximately 13 miles of drains were excavated in the Dunbulbalane area, and all the completed blocks are now drained.

Further investigations were made of the desirable capacity of the Waranga-Western Channel and of ways and means of enlarging this important carrier, including using the Corop Lakes for storing water to meet peak demands and also the pumping into the Waranga-Western Channel of water released from Eppalock Reservoir.

Murray Valley Irrigation Area.

An additional 39 miles of drains were excavated, bringing the progressive total to 194 miles and completing drainage systems 6, 13, 17 and 18. The total length of drains to serve all blocks in the Soldier Settlement Area is about 225 miles.

Four miles of the waterway of Tullah Creek and 2 miles of the Broken Creek waterway were excavated.

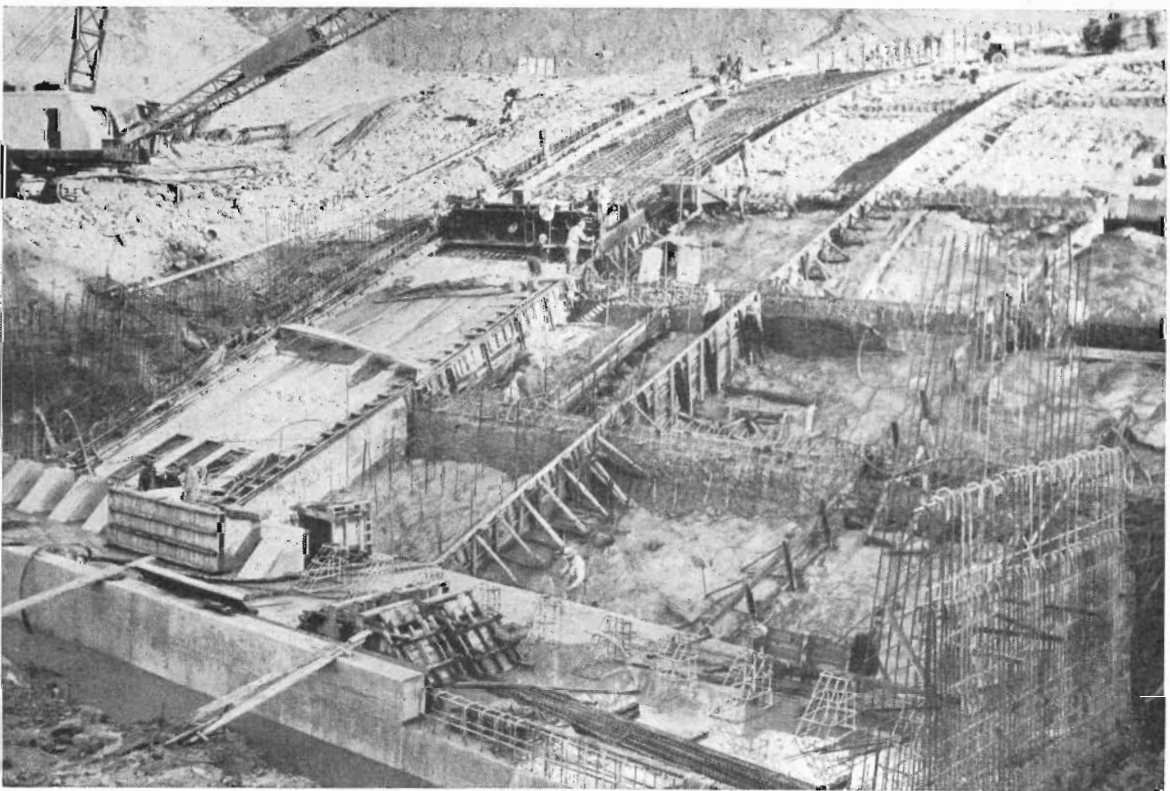
Eppalock Reservoir Project.

(For a description of these works, see the 1959-60 Annual Report, pages 34-35).

The main and secondary embankments of the dam were completed to the stage where water could be stored, the actual closure of the river diversion outlet taking place on 31st May, 1962. By the end of June, 1962, approximately 12,000 acre feet had been stored.

Eighteen miles of new roads or road deviations were constructed, and work was well advanced on the concrete lining of the main spillway chute and stilling basin. Extensive works were also in progress on clearing, grassing and provision of parking and observation areas.

A contract was let for the supply and installation by June, 1963, of three turbine pumping units each of 1,100 horsepower. Laying of the 18 miles of 30 to 36 inch diameter rising main, from the turbine-pump station to Spring Gully and Crusoe Reservoirs, should start in October, 1962, and it is expected that all work will be completed and operable for use in 1963-64.



Work on the spillway of Eppalock Reservoir on the Campaspe River. Water was stored in the enlarged reservoir for the first time in 1961-62.

Central Highlands Project.

These works were brought into operation for the first time when pumping commenced on 11th May, 1962. The discharge rate of 10·8 cusecs supplies the needs of the hardboard industry at Bacchus March without detriment to Werribee and Bacchus Marsh irrigation. In order to permit greater flexibility of operation, a short section of its own aqueduct will be enlarged by the Geelong Waterworks and Sewerage Trust at the cost of the Commission.

Designs for this final stage of the work were approaching completion at 30th June, 1962.

Carrum Drainage District.

The new outfall from Kananook Creek to Port Phillip Bay and the major part of the cleaning of Kananook Creek was completed. The operation of the outfall as a major flood escape awaits the completion of the enlargement of the Eel Race and tributary drains in the Carrum East and Seaford lowlands. Designs for the first stage of this work were approaching completion on 30th June, 1962.

Works to correct erosion at the mouth of Kananook Creek, inside the sea wall, were completed; but extensions of the walls may be desirable to improve the general appearance of the area.

Koo-Wee-Rup Flood Protection District.

Investigations and designs for a spillway from the Bunyip Main Canal to the Yallock Outfall, and associated works were completed.

Investigations for Further Works.

Ovens River and Tributaries.

An investigation was made of potential storage sites in the valley of the Ovens River and tributaries, and a number of possible sites were selected on each stream. As the Buffalo River appeared to be the most suitable for early development, sub-surface exploration and surveys were carried out on three alternative dam sites, leading to the conclusion that the one most suitable for a large storage was just downstream of Yarrarabula Creek.

Construction of a storage of 30,000 acre feet at this site was recommended to the Parliamentary Public Works Committee. This could later be enlarged to 800,000 acre feet or more.

Broken River and Tributaries.

Further investigations led to the conclusion that the best way of conserving and controlling the waters of the Broken River and tributaries would be by a storage of 35,000 acre feet at the Nillahcootie dam site, and a large storage of 300,000 acre feet formed by joining Winton Swamp with the Broken River by a long embankment across the river about 2 miles north of Benalla.

Details of the above proposals were given in evidence to the Parliamentary Public Works Committee, together with alternatives and particulars of storage sites in the headwaters of the tributary streams.

Seven Creeks.

Details of possible storages at McQuinn's and the Currie-McMaster sites were given to the Parliamentary Public Works Committee.

Mornington Peninsula System.

As the storage of Bunyip or Tarago waters may be necessary for future development of the Mornington Peninsula, these catchments were examined and a dam site on the Tarago at Neerim was selected for closer investigation. Drilling of the site was commenced.

Further investigations and surveys were carried out for a storage on Devilbend Creek near Bittern Reservoir, and detailed designs were put in hand to enable construction to be commenced at an early date. The Devilbend storage—like the existing Bittern Reservoir—would be filled by pipe-line during winter and spring from the Bunyip and Tarago Rivers. It would be drawn on during summer to meet the peak demands of the Dromana-Portsea District.

Werribee River and Tributaries.

Surveys and investigations for the possible diversion of the Lerderderg River to a storage site on Coimadai Creek were continued.

Torrumbarry System.

Investigations for remodelling of the system were continued, with emphasis on the elimination of Pyramid Creek as a carrier, and alternative methods of supply to Swan Hill.

Wimmera River and Tributaries.

Further investigations were made in connection with the Lake Bellfield storage project on Fyans Creek, and detailed designs for the necessary works were put in hand.

River Murray.

The State Rivers and Water Supply Commission was represented on the River Murray Commission's Technical Committee which carried out studies in connection with the proposed Chowilla Reservoir and other questions having a bearing on the regulation of river flow.

Snowy Mountains Scheme.

The Commission was also represented on the Snowy Mountains Council's Technical Committee, which carried out investigations associated with the Snowy Mountains Scheme.

ENGINEERING RESEARCH, TESTING AND INSPECTION.

Engineering Research.

Investigations were continued with a view to developing new and improved methods of design, construction, maintenance and repair of hydraulic works. Projects included sealing cracks and joints in concrete, loads on pipes buried underground, protective coatings for steel, sealing of earth channels and dams, structural behaviour of earth dams and the engineering uses of plastic and synthetic resins.

Active participation was maintained in the preparation of Australian Standard Specifications for concrete, steel and plastic water pipes, concrete box culverts, and rubber jointing rings for water pipes.

Hydraulic Research.

Further progress was made in hydrologic and statistical studies to help determine the optimum size of storages and spillways.

Storm rainfall is being analysed on a seasonal basis in order to compare flood estimation techniques using stream flow data with those using rainfall data.

Hydraulic Experimental Station, Werribee.

A number of spillways and dissipators were investigated, viz., spillway and overhead crest detail of Eppalock Dam; the spillway dissipator of the West Barwon Dam for the Geelong Waterworks and Sewerage Trust; the spillway of the Djerriwarrh Creek for Melton Waterworks Trust; and for the State Electricity Commission the spillway and dissipator for Eel Hole Creek Dam, and the weir crest gate and butterfly valve outlet for Yallourn Dam.

Models of several standard structures were tested with a view to possible improvements. Studies were made of scouring downstream of a drop structure and of methods of reducing hydraulic loss at the end structure of a drainage subway.

Studies were made under laboratory conditions of wave damage and erosion in Kananook Creek, flood flow over Campaspe Weir, and of the connection of the Yallock Outfall to the Koo-Wee-Rup Main Drain at Cora Lynn.

Testing and Inspection of Material.

In March, 1962, the Commission's laboratory was transferred to a new building at Armadale. New equipment was purchased for the Soil Mechanics, Chemical and Cement Laboratories, and a start was made on equipping a new Bacteriological Laboratory.

Inspection and testing of engineering materials and fabricated products continued for the Commission's own use, as well as for other authorities. Chemical analyses were made on 1,750 water samples, and soils were tested to provide data for the design of Commission reservoirs—Bellfield, Buffalo River, Devilbend and Eppalock—and also for Waterworks Trusts' storages.

Soil investigations were made in connection with channel lining at Boort, Ballan, Nambrok-Denison, Numurkah, Rochester and Tatura.



A special water test being carried out in the Commission's Engineering Laboratory with the spectrophotometer.

PUMPING STATIONS AND PUMPING PLANT.

The Commission's main pumping stations, situated on or near the River Murray, supply water for the Irrigation Districts of Red Cliffs, Merbein, Nyah, Robinvale and Tresco, and the Waterworks Districts of Millewa and Tyntynder North. Several smaller pumping stations supply water for domestic and stock supplies. These have total continued capacity of 980 cusecs requiring 12,800 installed horsepower.

Pumping plant is also operated by the Commission for water supply to more than 60 towns, including bulk supply for the Otway Waterworks District, and for drainage works in many districts.

The total quantity of water pumped for irrigation and domestic and stock water supplies was 169,447 acre feet, including 103,849 acre feet pumped from the River Murray.

Newlyn Pumping Station.

Newlyn pumping station forms part of the Central Highlands Project (described in the 1959-60 Annual Report, page 35) for supplementary water supply to the hardboard factory at Bacchus Marsh, in dry years. The station, which was first brought into operation in May, 1962, discharges at a rate of 20 acre feet per day against a total head of 600 feet, over the Dividing Range.

Eppalock Pumping Station.

A contract was let for the supply of three 1,100 H.P. hydraulic turbine-driven pumps to be installed next year. These pumps, for supply of water to the Bendigo urban centre of the Coliban system at a maximum rate of 36 cusecs against a total head of 620 feet, will utilize the energy in water released from the Eppalock reservoir for irrigation purposes downstream.

Excavation and foundation works for the pumphouse building were commenced.

Carpentait Booster Pumping Station.

Work is in progress on the construction of an important booster pumping station on the main supply pipeline for the Otway Waterworks District at Carpentait. This pumping station will provide a maximum boost of 450 feet head, and increase the capacity of the system by some 400 million gallons per annum.

Other New Projects.

New pumping stations for town water supplies were completed at Carrum Downs, Hampton Park, Ouyen, Sea Lake and Terang, while additional plant was installed or ordered for improved services at Bendigo, Chinkapook, Lockington, Robinvale and Wonthaggi.

A new pumping station was constructed for domestic and stock water supply to the Clear Lake area in the Wimmera District (see page 21), and the construction of a pumping station on the Werribee River for supply to the Bacchus Marsh hardboard factory is nearing completion.

New drainage pumps were installed or under construction in Swan Hill, Koondrook, Murray Valley and Central Gippsland Irrigation Areas.

CONSTRUCTION PLANT.

New plant was purchased during the year at a cost of £218,000 (£165,000 in 1960-61). This included three excavators (£92,000), six crawler tractors (£41,000) and eight wheeled tractors (£54,000).

Spare parts worth £67,000 were purchased, compared with £88,000 in 1960-61.

MOTOR TRANSPORT.

Motor vehicles operated by the Commission at 30th June, 1962, numbered 573, comprising 56 cars, 225 utility trucks, 86 Land Rover types, 36 light motor cycles and 170 heavy trucks. New purchases totalled 192 vehicles, of which 164 were replacements and 24 additions to the fleet.

Vehicles covered a total distance of 6,050,000 miles (6,080,000 in 1960-61), including 31,865 miles by low loading transporters used to transport heavy earth-moving plant.

HOUSING.

Commission houses at 30th June, 1961, numbered 640, including six under construction and eleven on River Murray Commission works, but excluding temporary houses at construction works. Four houses were purchased and 24 built during the year.

RECREATIONAL FACILITIES AT RESERVOIRS.

In 1954, the Commission asked for and was given power by amendment of the Water Acts, to provide recreational facilities and amenities at its storages.

Under these powers, the Commission has provided fireplaces, access tracks, water supply and public conveniences at all of its major reservoirs. It has also undertaken a considerable amount of tree planting to beautify the surroundings of these storages.

Increasing public interest in motor boating has also made it necessary to provide facilities for this purpose—launching ramps, parking areas and access tracks—wherever boating is allowed by the Commission. Certain funds for this purpose are provided by the Tourist Development Authority from fees paid for registration of motor boats under the Motor Boating Act. However, this money may be applied only towards boating facilities and cannot be used to provide associated amenities such as public conveniences and fireplaces.

SURVEYS, PLANS, HYDROGRAPHY.

Surveys.

Land resumption and easement surveys were completed in 385 properties throughout the State, including 32 properties in the Eppalock Reservoir basin.

Farm lay-out surveys were undertaken for 28 irrigators. Siltation sections were set out in the Eppalock and Eildon Reservoir basins, and siltation checks were made at Melton, Pykes Creek and Laanecoorie Reservoirs.

Investigation surveys of possible dam sites were carried out on the Tarago, Bunyip, Broken, Buffalo and Lerderberg Rivers, and on Goodmans, Devilbend and Fyans (Bellfield Reservoir) Creeks.

Drainage investigation surveys were carried out in the Corangamite, Carrum, Koo-wee-rup, Murray Valley and Riverslea areas, and approximately 194 miles of drainage channel lines were set out.

Detailed topographic surveys were carried out on lower Gunbower Creek and lower Broken Creek over a total distance of 85 miles.

Pipe line investigations and locations were made in the Eppalock-Bendigo, Bittern-Dromana and Terang areas. Approximately 29 miles of final pipe-line locations were set out on the ground.

Three-inch contour surveys were continued in Shepparton North, Rodney, Campaspe Swan Hill, Pyramid and Bundalaguah areas, nearly 23,500 acres being covered.

Maps and Plans.

During the year, 428 title survey plans and 773 engineering plans and sections were compiled. The Plan Room issued 7,932 prints of original plans, 124 photo-maps and 1,325 aerial photographs. Twenty-nine maps were completed and printed for publication.

Hydrography.

Discharge measurements totalled 1,897, of which 1,526 were on natural streams and 371 on channels and drains. The total number of gauging stations at 30th June, 1962, was 331 including 115 automatic recorder stations.

VALUATIONS.

Valuation for Land Compensation.

Most cases arose from works in the Goulburn-Murray and Macalister Irrigation Districts and in the Mornington Peninsula System. Agreement was reached in 122 cases, claims aggregating £344,242 being settled for £227,637. Approximately 350 cases were outstanding at the end of the year.

Land Classification.

The classification of lands in Rodney, Tongala-Stanhope, Shepparton and North Shepparton Irrigation Areas was revised.

Rating Classifications.

Arising from the amalgamation of Waterworks Districts in the Wimmera-Mallee Division, revaluations were returned for the newly-constituted districts of Wimmera, Upper Wimmera, Mallee and Northern Mallee Districts.

TECHNICAL LIBRARY.

New accessions numbered about 500, making 10,250 books and pamphlets at 30th June, 1961. Periodicals received and circulated totalled 375.

STAFF.

Numbers.

Net increase of 29 in staff in 1961-62 compares with 30 added in 1960-61 and 18 in 1959-60. Turnover was again considerable, although not to the extent of the previous year.

CHANGES IN STAFF NUMBERS

	1960-61.			1961-62.		
	Professional.	Other.	Total.	Professional.	Other.	Total.
New appointments	61	154	215	51	115	166
Losses by—						
Retirement	6	26	32	5	30	35
Resignations	46	75	121	25	50	75
Transfers (net)	4	18	22	2	17	19
Other	2	8	10	..	8	8
Total losses	58	127	185	32	105	137
Net loss .. .. .	..	..	..	..	..	..
Net gain	3	27	30	19	10	29

Staff Training.

Mr. G. W. V. Lewis, Assistant Secretary, attended a full-time course at the Australian Administrative Staff College.

Nineteen officers attended Supervision Courses conducted by the Public Service Board, 8 officers attended Class "C" Training Courses, and 25 officers attended Class "E" Induction Courses. In addition, 1 officer attended a Public Relations Course, and 47 officers at Tatura, Bendigo and Maffra Centres participated in Training Group studies.

More than 50 Class "E" officers and new appointees attended a film and lecture series conducted by senior officers of the Commission on a part-time basis over a period of three months.

Two draughting courses, conducted at the Commission's Head Office, were attended by 29 draughting and survey assistants from both Head Office and country centres. Each course was of six weeks duration full-time.

A three-day conference of District Engineers of the Goulburn, Loddon and Southern Divisions was held at Head Office during May, 1962, to consider policy matters of common interest.

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. Everard Brown, Secretary.

Mr. D. Clark, Divisional Engineer.

Dr. L. P. Ilott, Senior Designing Engineer.

Mr. J. McN. Turnbull, Superintendent of Testing.

Messrs. J. W. J. Griffiths, D. T. B. J. Miller, W. O'Brien, O. E. Roder and L. R. Jenkin, Administrative Officers.
 Mr. R. T. Squire, Executive Assistant.
 Mr. T. J. McMullen, Assistant Engineer.
 Mr. H. C. Pollock, Senior District Inspector.
 Mr. R. C. Bennallack, District Inspector.
 Mr. A. L. Davey, Inspector (Wimmera-Mallee) and Mr. W. H. Haldane, Inspector (Materials and Testing).
 Messrs. W. J. Dewar, J. G. H. Hulland, A. Stephen, Head Water Bailiffs.
 Mr. R. Wilson, Senior Water Bailiff.
 Messrs. T. W. P. Baldwin, W. W. Gibbons, W. E. Isaac, W. H. Murley and R. J. Gray, Water Bailiffs.
 Messrs. I. D. B. Forbes, R. F. L. Johnson and C. A. O'Rafferty, Reservoir Keepers.
 Messrs. G. M. Broadbent, J. F. Hunter and L. H. Stingel, Assistants.
 Messrs. H. G. McKeown, A. Pateman, G. R. Bradbury and M. E. Northby, Storemen.
 Mr. H. W. Morey, Carpenter.

Deaths.

The Commission records with regret the deaths during the year of Mr. L. Dean, Water Bailiff at Pyramid Hill, and Mr. A. J. Holt, an Administrative Officer at Maffra.

Senior Officers, Divisional and Branch Heads at 30th June, 1962.

Secretary	M. T. Ironside, A.A.S.A.
Chief Constructural Engineer	C. L. Sanders, L.S., A.M.Inst.C.E., F.ASCE., M.I.E.Aust.
Chief Designing Engineer	R. A. Horsfall, M.B.E., M.C.E., B.Mech. E., M.I.E.Aust.
Chief Engineer, Town Water Supplies and Local Authorities	R. H. Richmond, B.C.E., M.I.E.Aust.
Chief Divisional Engineer	J. W. Moore, A.M.I.E.Aust.
Chief Mechanical Engineer	T. S. Moffatt, B.E.E., Dip.Mech.E., A.M.I.E.Aust.
Chief Irrigation Officer	W. P. Dunk, M.Agr.Sc., M.A.I.A.S.
Chief Surveyor	R. G. Mason, L.S., M.I.S.Aust.
Chief Estates Officer	J. F. Horwood
Chief Valuer	M. R. Fogarty, F.C.I.V.
Assistant Chief Constructural Engineer	J. H. Standish, B.C.E., A.M.I.E.Aust.
Assistant Chief Designing Engineer	M. G. Speedie, M.C.E., F.ASCE., M.I.E.Aust.
Assistant Chief Divisional Engineer	H. L. Credlin, A.M.I.E.Aust.
Divisional Engineers—	
Main Urban Supplies	E. McD. Walker, B.C.E., A.M.I.E.Aust.
Southern	S. W. Rogerson, A.M.I.E.Aust.
Wimmera-Mallee Waterworks	C. A. R. Evans, B.E., E.W.S.
Loddon	K. D. Green, O.B.E., B.C.E., M.Inst.C.E., F.ASCE., M.I.E.Aust.
Waterworks Trusts and Sewerage Authorities	J. D. Lang, B.C.E., A.M.I.E.Aust.
Mallee Irrigation	W. E. Bromfield, B.C.E.
Rivers and Streams	H. C. Kermode, M.C.E., A.M.I.E.Aust.
Goulburn	J. J. Cummins, B.C.E., A.M.I.E.Aust.
Chief Finance Officer	L. A. King, A.A.S.A.
Staff and Industrial Officer	A. H. Rigg, J.P.
Chief Accountant	W. J. Dynon, A.A.S.A.
Officer in Charge, Stores Branch	T. L. Stack, A.A.S.A., A.C.I.S., R.C.A.
Superintendent of Water Distribution	J. R. C. Venables

PART 3.—RATING AND FINANCE.

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

The following statements 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 unimproved capital value and/or the annual value of the lands and tenements and the number of assessments. The general rates, compulsory irrigation charges, flood protection rates and charges, and drainage rates made in all districts are also shown.

In districts where water for irrigation is obtained by gravitation from the various reservoirs throughout the State the compulsory irrigation charge was increased in two districts and increases were made in the unit charges in three districts which are supplied by pumping either from the River Murray or from storages.

The general rates made and levied in Irrigation Districts were in accordance with Section 66 (1) of the *Water (Irrigation) Act* 1959.

In six Urban Districts the general rate was reduced, while in nine Urban Districts the general rate was increased.

Rates and charges in Flood Protection Districts were unchanged.

The drainage rates in Irrigation Districts where drainage facilities have been provided were increased in four districts and reduced in one district. The drainage rate was unchanged in the Carrum Drainage District.

In Eildon Sewerage District, in respect of which the Commission exercises the functions of a Sewerage Authority, the sewerage rate was increased.

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

Districts Supplied with Water for Domestic and Ordinary Use and for Watering Cattle or Other Stock.	Area of District in Acres.	Area Classified as Irrigable in Acres.	Water Rights Apportioned (including Extra Rights) in Acre Feet.	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1962, on Unimproved Capital Value.				Compulsory Irrigation Charge per Acre Foot of Water Right, Season 1961-62.	Number of Assessments.	Estimated Number of Persons Dwelling in District.			
						General Rate.		Drainage Rate.							
						1st.	2nd.	3rd.	4th.						
IRRIGATION DISTRICTS.															
				Valuation by Commission.	£	Divisions.									
						1st.	2nd.	3rd.	4th.						
<i>Supplied from Goulburn System, Yarrowonga Weir, and Torrumbarry System.</i>					£	s. d.	s. d.	s. d.	s. d.	s. d.					
1. Goulburn-Murray	1,904,682	1,113,002	652,232	22,527,327	2,800,625	0 1	0 0½	0 0½	0 4	0 3	0 2	0 1	12,145	33,696	
<i>Supplied from Southern State Works.</i>															
2. Bacchus Marsh	6,682	3,286	3,297	388,961	43,914	0 1	0 0½	..	..	..	..	..	40 0	295	
3. Macalister	130,453	81,913	57,673	4,587,140	485,164	0 1	0 0½	0 0½	0 1-36	0 1-02	0 0-68	0 0-34	25 0	1,057	
4. Werribee	9,661	8,084	8,082	1,359,975	144,080	0 1	0 0½	..	0 0-8	0 0-6	0 0-4	..	30 0	342	
Totals	146,708	93,283	69,052	6,336,076	673,158	..	..	..	..	..	..	..	1,694	6,611	
<i>Supplied direct from River Murray.</i>															
5. Merbein	9,233	7,703	24,032	388,791	89,170	0 1	0 0½	0 0½	0 5	0 3½	0 2½	0 1½	For each 3 acre feet 210 0	594	2,173
6. Nyah	3,833	2,591	7,101	73,062	27,710	0 1	0 0½	0 0½	0 7	0 5½	0 3½	0 1½	For each 2½ acre feet 150 0	251	650
7. Red Cliffs	13,611	11,308	34,519	582,797	136,864	0 1	0 0½	0 0½	0 5	0 3¾	0 2½	0 1½	For each 3 acre feet 210 0	821	3,125
8. Robinvale	9,084	5,631	13,874	163,267	47,895	0 1	0 0½	0 0½	0 5	0 3¾	0 2½	0 1½	For each 2½ acre feet 200 0	356	1,400
Totals	35,761	27,233	79,526	1,207,917	301,639	..	..	..	..	..	..	..	..	2,022	7,348
9. Tresco	4,652	1,748	3,608	65,504	13,903	0 1	0 0½	0 0½	0 5	0 3½	0 2½	0 1½	For each 2 acre feet 120 0	204	341
<i>Supplied on a Sale of Water Basis.</i>													Charge per acre foot for water supplied as sales		
10. Campaspe	19,735	..	..	153,239	18,018	0 1	0 0½	0 0½	..	..	..	..	17 0	113	248
Totals (Irrigation) ..	2,111,538	1,235,266	804,418	30,290,063	3,807,343	..	..	..	..	..	..	..	..	16,178	48,244

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

Districts Supplied with Water for Domestic and Ordinary Use and for Watering Cattle or other Stock.	Unimproved Capital Value.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1962, on Unimproved Capital Value.			Minimum Amount of Rate per 640 Acres on Lands in the First Division.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
WATERWORKS DISTRICTS.								
	Valuation by Commission.	Valuation by Commission.	Divisions.					
			1st.	2nd.	3rd.			
<i>Supplied from Wimmera-Mallee System.</i>	£	£	s. d.	s. d.	s. d.	£ s. d.		
11. Mallee	5,287,698	945,491	0 3	0 1½	0 0¾	24 0 0 1st Div. ; 12 0 0 2nd Div. ; 6 0 0 3rd Div.	3,024	10,640
12. Northern Mallee	2,203,319	396,995	0 3	0 1½	0 0¾	24 0 0 1st Div. ; 12 0 0 2nd Div. ; 6 0 0 3rd Div.	3,830	5,400
13. Upper Wimmera	4,579,594	602,110	0 2·8	0 1·4	0 7	28 0 0 1st Div. ; 14 0 0 2nd Div. ; 7 0 0 3rd Div.	2,097	16,332
14. Wimmera	10,420,123	1,345,799	0 1·8	0 0·9	0 0·45	36 0 0 1st Div. ; 18 0 0 2nd Div. ; 9 0 0 3rd Div.	4,913	5,789
Totals	22,490,734	3,290,395	..	..	..	..	13,864	38,161
<i>Supplied direct from River Murray.</i>								
15. Millewa	130,894	31,173	0 3	0 1½	0 0¾	24 0 0 1st Div. ; 12 0 0 2nd Div. ; 6 0 0 3rd Div.	403	1,000
16. Tyntynder North	112,953	16,557	0 3	0 1½	0 0¾	24 0 0 1st Div. ; 12 0 0 2nd Div. ; 6 0 0 3rd Div.	212	400
Totals	243,847	47,730	..	..	..	..	615	1,400
<i>Supplied from Coliban System.</i>								
17. Axe Creek	24,295	5,935	1 6*	..	..	..	69	174
18. Harcourt	134,950	37,350	0 3	..	..	..	238	615
Totals	159,245	43,285	..	..	..	..	307	789
<i>Miscellaneous.</i>								
19. East Loddon	307,020	19,702	0 2	0 1	0 0½	..	294	160
20. Kerang North-West Lakes ..	99,246	18,306	0 3	..	..	..	137	232
21. Loddon	516,575	49,037	0 2	0 1	..	..	254	262
22. Normanville	833,564	48,888	0 3	0 1½	0 0¾	24 0 0	244	460
23. Werribee	114,116	34,859	0 1	..	..	..	11	25
24. West Loddon	605,873	39,421	0 2	0 1	0 0½	..	320	348
Totals	2,476,394	210,213	..	..	..	..	1,260	1,487
Totals (Waterworks) ..	25,370,220	3,591,623	..	..	..	..	16,146	41,837

* On Net Annual Value.

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, 1962.	Minimum Amount of Rate for Lands on which there is a Building.	Minimum Amount of Rate for Lands on which there is no Building.	Water Charge per 1,000 Gallons.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
URBAN DISTRICTS.							
	Municipal Valuation.				Rate Allowance.	Excess.	
<i>Supplied from Bellarine Peninsula System.</i>	£	s. d.	s. d.	s. d.	s. d.	s. d.	
25. Anglesea	72,717	2 6	80 0	40 0	2 0	2 0	1,186 500
26. Barwon Heads-Ocean Grove ..	105,000	2 6	80 0	40 0	2 0	2 0	1,538 2,640
27. Birregurra	8,722	3 6	80 0	40 0	2 0	2 0	170 460
28. Drysdale	14,000	3 6	80 0	40 0	2 0	2 0	215 620
29. Leopold	10,190	3 6	80 0	40 0	2 0	2 0	234 200
30. Portarlington	33,000	3 6	80 0	40 0	2 0	2 0	563 980
31. Queenscliff-Point Lonsdale ..	129,963	1 6	80 0	40 0	2 0	2 0	1,394 3,500
32. Torquay	67,388	2 0	80 0	40 0	2 0	2 0	1,100 1,070
Totals	440,980	..	..	..	..	..	6,400 9,970
<i>Supplied from Mornington Peninsula System.</i>							
33. Berwick	46,214	3 0	80 0	40 0	2 0	2 0	558 1,868
34. Bittern-Crib Point	23,611	3 0	80 0	40 0	2 0	2 0	517 1,000
35. Bunyip	14,376	1 6	80 0	40 0	2 0	2 0	221 724
36. Carrum Downs	6,914	3 6	80 0	40 0	2 0	2 0	128 340
37. Chelsea-Frankston	1,536,104	1 6	80 0	40 0	2 0	2 0	14,492 43,100
38. Cranbourne	25,230	2 6	80 0	40 0	2 0	2 0	377 1,088
39. Dandenong-Springvale	377,655	0 8	80 0	40 0	2 0	2 0	2,027 4,696
40. Dromana-Portsea	1,011,811	1 10	80 0	40 0	2 0	2 0	8,335 20,600
41. Garfield	12,626	1 6	80 0	40 0	2 0	2 0	153 552
42. Hastings	31,804	3 0	80 0	40 0	2 0	2 0	394 1,020
43. Longwarry	16,819	1 6	80 0	40 0	2 0	2 0	164 560
44. Mornington	392,243	1 8	80 0	40 0	2 0	2 0	3,486 8,200
45. Nar-Nar-Goon-Tynong	6,681	3 6	80 0	40 0	2 0	2 0	111 416
46. Officer	8,833	3 6	80 0	40 0	2 0	2 0	112 320
47. Pakenham	48,408	1 6	80 0	40 0	2 0	2 0	430 1,568
48. Somerville	17,968	1 8	80 0	40 0	2 0	2 0	181 550
49. South Frankston	363,480	1 6	80 0	40 0	2 0	2 0	3,777 6,000
50. Tyabb	15,632	2 2	80 0	40 0	2 0	2 0	188 350
Totals	3,956,409	..	..	..	..	..	35,651 92,952
<i>Supplied from Otway System.</i>							
51. Allansford	7,068	3 6	80 0	40 0	2 0	2 0	116 350
52. Camperdown	159,501	2 0	80 0	40 0	2 0	2 0	1,119 3,500
53. Cobden	45,673	2 0	80 0	40 0	2 0	2 0	467 1,275
54. Terang	89,131	2 0	80 0	40 0	2 0	2 0	878 2,500
Totals	301,373	..	..	..	..	..	2,580 7,625
<i>Supplied from Wimmera-Mallee System.</i>							
55. Antwerp	306	3 6	80 0	20 0	2 0	2 0	21 54
56. Berriwillock	3,462	3 6	80 0	20 0	2 0	2 0	81 200
57. Beulah	8,407	3 6	80 0	20 0	2 0	2 0	189 430
58. Birchip	22,360	3 0	80 0	20 0	2 0	2 0	413 1,000
59. Brim	1,835	3 6	80 0	20 0	2 0	2 0	92 230
60. Chillingollah	669	3 6	80 0	20 0	2 0	2 0	54 46
61. Chinkapook	812	3 6	80 0	20 0	2 0	2 0	47 70
62. Culgoa	3,866	3 6	80 0	20 0	2 0	2 0	79 170
63. Dimboola	52,194	1 0	80 0	20 0	2 0	2 0	735 1,648
64. Dooen	424	3 6	80 0	20 0	2 0	2 0	6 30
65. Hopetoun	19,978	3 6	80 0	20 0	2 0	2 0	313 920
66. Jeparit	19,344	1 8	80 0	20 0	2 0	2 0	286 747
67. Jung Jung	1,389	3 6	80 0	20 0	2 0	2 0	44 126
68. Lalbert	2,023	3 6	80 0	20 0	2 0	2 0	62 141
69. Lascelles	1,779	3 6	80 0	20 0	2 0	2 0	72 114
70. Manangatang	7,431	3 6	120 0	20 0	2 0	2 0	169 410
71. Marnoo	2,822	3 6	80 0	20 0	2 0	2 0	68 225
72. Minyip	19,289	3 0	80 0	20 0	2 0	2 0	311 800
Carried forward	168,390	..	..	..	..	..	3,042 7,361

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, 1962.	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.
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URBAN DISTRICTS—continued.

	Municipal Valuation.				Rate Allowance.	Excess.		
	£	s. d.	s. d.	s. d.	s. d.	s. d.		
Wimmera-Mallee System—continued.								
Brought forward	168,390	..	..	..	..	..	3,042	7,361
73. Nandaly	1,122	3 6	80 0	20 0	2 0	2 0	51	110
74. Natimuk	6,325	2 2	80 0	20 0	2 0	2 0	179	586
75. Nullawil	1,384	3 6	80 0	20 0	2 0	2 0	48	110
76. Ouyen	22,725	3 6	80 0	20 0	2 0	2 0	653	1,650
77. Patchewollock	2,103	3 6	80 0	20 0	2 0	2 0	74	155
78. Pimpinio	653	3 6	125 0	20 0	2 0	2 0	28	120
79. Quambatook	9,026	3 6	80 0	20 0	2 0	2 0	187	500
80. Rainbow	18,310	1 0	80 0	20 0	2 0	2 0	349	930
81. Rupanyup	13,417	3 0	80 0	20 0	2 0	2 0	269	750
82. Sea Lake	20,864	3 0	80 0	20 0	2 0	2 0	374	930
83. Speed	1,237	3 6	80 0	20 0	2 0	2 0	26	81
84. Tempy	623	3 6	80 0	20 0	2 0	2 0	32	77
85. Ultima	3,837	3 6	120 0	20 0	2 0	2 0	222	293
86. Waitchie	174	3 6	80 0	20 0	2 0	2 0	39	16
87. Walpeup	1,583	3 6	130 0	20 0	2 0	2 0	87	120
88. Watchem	3,029	3 6	80 0	20 0	2 0	2 0	118	215
89. Woomelang	7,869	2 6	80 0	20 0	2 0	2 0	169	400
90. Woorinen	2,852	3 6	80 0	20 0	2 0	2 0	109	330
91. Wycheproof	22,290	3 3	80 0	20 0	2 0	2 0	340	980
92. Yaapect	651	3 6	80 0	20 0	2 0	2 0	27	56
Totals	308,464	..	..	..	..	..	6,423	15,770
Supplied from Torumbarry System.								
93. Gunbower	7,026	3 6	135 0	20 0	2 0	2 0	111	350
94. Koondrook	8,899	3 6	80 0	20 0	2 0	2 0	215	1,037
95. Leitchville	10,457	2 3	80 0	20 0	2 0	2 0	135	450
96. Murrabit	666	3 6	80 0	20 0	2 0	2 0	28	73
Totals	27,048	..	..	..	..	..	489	1,910
Supplied direct from River Murray.								
97. Carwarp	120	3 6	80 0	20 0	2 0	2 0	24	25
98. Lake Boga	6,464	3 6	80 0	20 0	2 0	2 0	198	427
99. Merbein	41,311	2 0	80 0	20 0	2 0	2 0	549	1,612
100. Meringur	307	3 6	100 0	20 0	2 0	2 0	51	55
101. Nyah	3,769	3 6	80 0	20 0	2 0	2 0	110	291
102. Nyah West	10,303	2 9	80 0	20 0	2 0	2 0	287	513
103. Piangil	2,977	3 6	135 0	20 0	2 0	2 0	145	220
104. Red Cliffs	61,221	2 4	80 0	20 0	2 0	2 0	785	2,325
105. Robinvale	37,863	1 6	80 0	20 0	2 0	2 0	448	1,020
106. Werrimul	2,010	3 6	100 0	20 0	2 0	2 0	76	110
Totals	166,345	..	..	..	..	..	2,673	6,598
Miscellaneous.								
107. Corop	163	3 6	80 0	20 0	2 0	2 0	16	40
108. Dingee	1,250	3 6	80 0	20 0	2 0	2 0	34	72
109. Eildon	40,286	3 0	80 0	20 0	2 0	2 0	396	1,000
110. Elphinstone	1,859	3 6	80 0	20 0	2 0	2 0	42	90
111. Heyfield	41,901	3 6	80 0	20 0	2 0	2 0	647	1,973
112. Lockington	9,985	1 9	80 0	20 0	2 0	2 0	162	417
113. Macorna	854	3 6	135 0	20 0	2 0	2 0	43	42
114. Marong	2,528	3 6	80 0	20 0	2 0	2 0	52	142
115. Mitiamo	3,217	3 6	130 0	20 0	2 0	2 0	75	184
116. Newstead	7,304	3 6	80 0	20 0	2 0	2 0	174	415
Carried forward	109,347	..	..	..	..	..	1,641	4,375

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, 1962.	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.
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URBAN DISTRICTS—continued.

Miscellaneous—continued.	Municipal Valuation.	s. d.	s. d.	s. d.	Rate Allowance.	Excess.		
Brought forward	£ 109,347	..	..	..	..	..	1,641	4,375
117. Pyramid Hill	15,606	1 3	80 0	20 0	2 0	2 0	259	610
118. Stanhope	13,967	1 10	80 0	20 0	2 0	2 0	170	650
119. Tallygaroopna	2,432	3 6	100 0	20 0	2 0	2 0	42	120
120. Wonthaggi	111,188	2 2	50 0	20 0	2 0	2 0	2,024	5,336
Totals	252,540	..	..	..	..	..	4,136	11,091

COLIBAN SYSTEM.

	Municipal Valuation.	s. d.	s. d.	s. d.	Rate Allowance.	Excess.		
121. Coliban	£ 1,543,635	1 6	40 0	20 0	2 0	2 0	19,511	55,956
Includes Bendigo, Castlemaine, Eaglehawk, Maldon, Barker's Creek, Campbell's Creek, Chewton, Epsom, Ascot, Fryerstown, Guildford, Harcourt, Huntly, Kangaroo Flat, Myers Flat, Raywood, Sebastian, Spring Gully, Taradale, and Yapeen. See under Waterworks Districts for Axe Creek and Harcourt rural supplies and under Urban Districts for Elphinstone and Marong.								
Totals (Urban)	5,996,794	..	..	..	..	..	77,863	201,872

District.	Unimproved Capital Value.	Rate in the £1 made during Year ended 30th June, 1962, on Unimproved Capital Value.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
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DRAINAGE DISTRICT.

	£	Divisions.					
		1st.	2nd.	3rd.	4th.		
		s. d.	s. d.	s. d.	s. d.		
122. Carrum	2,541,236	0 4	0 3	0 2	0 1	6,535	7,500
(with a minimum amount of rate of 2s. 6d. per tenement)							

District.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1962, on Net Annual Value.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
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FLOOD PROTECTION DISTRICTS.

	Valuation by Commission. N.A.V.	Divisions.					
		1st.	2nd.	3rd.	4th.		
		s. d.	s. d.	s. d.	s. d.		
123. Lower Koo-Wee-Rup	£ 224,573	3 4	2 6	1 8	0 10	1,289 347	3,200 830
124. Cardinia	89,383	3 4	2 6	1 8	0 10		
	Area in Acres.	Charge per Acre made during Year ended 30th June, 1962.					
		1st.	2nd.	3rd.	4th.		
		s. d.	s. d.	s. d.	s. d.		
125. Kanyapella	12,633	0 3	..	0 1½	..	51	12
126. Loch Garry	41,687	0 6	..	..	..	123	196
Totals (Flood Protection)	54,320	..	..	..	..	1,810	4,238
	£313,956						

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

District.	Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1962.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
SEWERAGE DISTRICT.				
	Municipal Valuation.			
	£	s. d.		
127. Eildon	79,746	2 0	396	1,000

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 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 charge is 15s. an acre in respect of the total area authorized to be irrigated under permit or £3, whichever is the greater.

For domestic and stock supplies from the Commission's pipe-lines to properties within the Bellarine Peninsula, Mornington Peninsula, and Otway Waterworks Districts but outside proclaimed Urban Districts, the charges are in accordance with the Commission's By-law No. 5298 or by special agreement, and are as follows:—

Minimum Annual Charges.

Land on which there is a House.	Vacant Land.	Minimum Annual Charge.
		£
Area not exceeding 1 acre	Area not exceeding 20 acres	5
Area greater than 1 acre and not exceeding 20 acres	Area greater than 20 acres and not exceeding 40 acres	8
Area greater than 20 acres and not exceeding 40 acres	Area greater than 40 acres and not exceeding 60 acres	11
Area greater than 40 acres and not exceeding 60 acres	Area greater than 60 acres and not exceeding 80 acres	14
Area greater than 60 acres and not exceeding 80 acres	Area greater than 80 acres and not exceeding 100 acres	17
Area greater than 80 acres	Area greater than 100 acres	20

FINANCE

(L. A. King, A.A.S.A., Chief Finance Officer.)

REVENUE.

The total revenue assessment for the year for rates and charges, sales of water, interest on arrears, &c., was £3,479,973. This is a record in the history of the Commission and represents an increase of £619,364 over the previous year. The actual sum collected during the year was also a record and totalled £3,350,195.

An amount of £15,138 was written off the books of the Commission for the financial year 1961-62 as compared with £9,194 for the previous year. An amount of £858 was written off in respect of Eildon Sewerage District.

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 were 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, 1962, was £163. 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, 1962, through default in payment of instalments amounted to £71.

The total arrears of assessments increased from £488,259 as at 1st July, 1961, to £605,459 as at 30th June, 1962. This figure includes the balance of arrears consolidated under the Water Act together with outstanding interest accrued on arrears of instalments. The increase in arrears was caused primarily by a greater demand for water, as a result of which sales of water for the year reached a record figure of £850,682. However a record collection for sales of water—£717,731—enabled the arrears for sales of water to be held at £378,527 as compared with £243,327 the previous year.

The arrears of rates and charges at 30th June, 1962, (£191,069) represents 8·3 per cent. of the current assessment for these items (£2,304,217). Included in this amount is approximately £52,000 owing in rapidly developing urban areas of the State, £16,000 owing by soldier settlers becoming established in new settlements, and £15,000 due in Mid-Murray dried fruit areas. The balance of £108,000 is spread over 102 districts and represents 6·2 per cent. of the 1961-62 assessment.

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 in respect of River Murray Commission, Loan Funds, &c.	Interest on (a) Lands Sold, (b) Plant and Machinery Account, (c) Works for other Authorities.	Total.
	£	£	£	£
1959-60 ..	2,774,194	926,624	(a) 9,317 (b) 53,505 (c) 447	3,757,535
1960-61 ..	2,943,759	926,624	(a) 7,868 (b) 50,122 (c) 363	3,928,736
1961-62 ..	3,350,195	919,224	(a) 5,489 (b) 48,728 (c) 6	4,323,642

EXPENDITURE.

The expenditure for the year on maintenance, water distribution and management, and the comparative figures for 1960-61 are set out hereunder :—

	1960-61.	1961-62.
	£	£
From Annual Vote Appropriation	3,889,234	*4,114,094
From Annual Vote Appropriation (Exceptional)	23,999	† 24,183
	<u>3,913,233</u>	<u>‡4,138,277</u>

* Includes £471,431 for recoup works and £458,514 for administration in respect of expenditure from other funds charged to vote and recouped to Consolidated Revenue, £80,050 for contributions to River Murray Commission, and £235,147 for miscellaneous National services.

† Consists of £22,305 assistance to local Water Authorities and £1,878 payment in connexion with the transfer of assets, liabilities, and properties of the Cohuna Urban District to the Cohuna Waterworks Trust.

‡ Excludes £8,258 vote appropriation in respect of Eildon Sewerage District and £215,092 assistance and subsidies to other Sewerage Authorities.

Total expenditure on works carried out or supervised by the Commission for the year 1961-62 was as set out hereunder :—

	£	£
Vote Funds	4,138,277	
Special Appropriations	14,000	
	<u>4,152,277</u>	
Ordinary Loan Funds—		
Commission Works	5,032,556	
Contribution to River Murray Commission Works	80,000	
Waterworks Trusts and Local Governing Bodies	1,724,934	
River Improvement Trusts	194,872	
Latrobe Valley Works of Water Supply	913,272	
	<u>7,945,634</u>	
Special Loan Funds—		
Salt Affected Lands		10,070
Water Supply Works Depreciation Fund		16,463
Irrigation Districts Maintenance Equalization and Renewals Accounts		9,754
		<u>12,134,198*</u>

*Excludes expenditure from Plant and Machinery Depreciation Fund £332,295, expenditure for work carried out on behalf of Soldier Settlement Commission £2,628, loans to Country Sewerage Authorities £385,316, and vote expenditure in respect of Eildon and other Sewerage Authorities as mentioned above.

Expenditure on capital construction works was provided from—

	£
Water Supply Loans Application Act No. 6708	2,823,168
Water Supply Loans Application Act No. 6820	5,051,067
Treasurer's Advance	81,469
	<u>7,955,704</u>
In addition, the Capital Loan Liability of the State for works of Country Water Supply was increased as a result of loan conversion operations during the year by an amount of	91,577
Total increase in Loan Liability for the year	8,047,281
Deduct: Commission repayments to—	£
State Loans Repayment Fund	227,377
Redemption Account	28,922
Repayments by Waterworks Trusts and Local Governing Bodies	67,990
Repayments by River Improvement Trusts	446
Repayments by Latrobe Valley Works of Water Supply	11,081
	<u>335,816</u>
	7,711,465
Less Transfer of liability— area transferred from Dandenong-Springvale to Melbourne and Metropolitan Board of Works	50,100
	<u>7,661,365</u>
Less Transfer to Sewerage Authorities of amount included in Country Water Supply in Treasurer's Advance 1960-61	29,562
The net increase in Loan Liability for the year was	<u>7,631,803</u>

The contribution by the Government of Victoria to the River Murray Commission for the maintenance of works under the River Murray Agreement was £80,050 (included in the expenditure from Annual Vote Appropriations as shown above). The actual expenditure by this Commission on the maintenance of these works was £38,746 and on the construction of new works £28,463.

CAPITAL LIABILITY.

The Capital Loan Liability of the State for Works of Country Water Supply at 30th June, 1962, was £129,895,125 of which amount £105,105,095 is charged to the "Capital Expenditure borne by the State Account". Of the remainder £10,502,573 is charged to Waterworks Trusts and Local Governing Bodies, £194,139 to River Improvement Trusts, £4,812,468 is charged to Latrobe Valley Water Supply under the general supervision of the Commission, £1,604,062 is debited to the Plant and Machinery Account, and the balance £7,676,788 represents the Capital Liability after adjustment, debited to Districts directly under the control of the Commission and to Plant Workshops. These figures are exclusive of an equity of £12,340,501 in the National Debt Sinking Fund.

In accordance with the provisions of Sec. 81 *Water Act* 1958, No. 6413, 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 30th day of June in the preceding financial year. The average rate per centum of interest so charged for 1961-62 was £4 12s. 9d.

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

	£	s.	d.
Interest	5,522,713	16	5
Exchange on Overseas Interest	205,926	0	2
Loan Conversion Expenses	9,676	16	8
	5,738,316	13	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 1961-62 in relation to the Capital Liability:—

Capital Debited to—	Capital Liability as at 30th June, 1962.	Interest Liability (excluding Exchange and Loan Conversion Expenses).	Interest Paid by Water Users (including Arrears).
	£	£	£
Districts under the direct control of the Commission ..	7,676,788	239,644	207,077
Waterworks Trusts, Local Governing Bodies, River Improvement Trusts and Latrobe Valley ..	15,509,180	700,780	478,670
Plant and Machinery Account	1,604,062	48,728	48,728
Capital Expenditure borne by the State Development Account	105,105,095	4,749,165	..
	129,895,125	5,738,317	734,475

IRRIGATION DISTRICTS MAINTENANCE EQUALIZATION AND RENEWALS ACCOUNT.

The amount at credit of the Irrigation Districts Maintenance Equalization and Renewals account at 1st July, 1961, was £61,493. During the year, an amount of £2,561 was paid direct to the account, being amounts contributed by landholders and other bodies as capitalized maintenance of water supply works constructed for their respective benefits.

In accordance with Sec. 68 (4) of the *Water Act* 1958, No. 6413 as amended by Sec. 2 of Act No. 6582, an amount of £16,154, representing the cash surpluses of the Irrigation Districts at 30th June, 1961, was also paid into the account.

Expenditure charged to the account for renewals during the year was £9,755, leaving a balance of £70,453 in the account as at 30th June, 1962.

Details of the account are set out on page 77 of this report.

Subject to the certificate by the Auditor-General as to the cash surpluses as at 30th June, 1962, an amount of £59,001 12s. 5d. will be paid into the account during 1962–63. This is in respect of the following districts :—

					£	s.	d.
Bacchus Marsh	..	..	..	..	7,367	8	6
Campaspe	..	..	..	..	226	18	0
Goulburn–Murray	..	..	..	..	18,221	2	7
Macalister	..	..	..	..	22,434	5	9
Robinvale	..	..	..	..	8,330	9	0
Werribee	..	..	..	..	2,421	8	7
					<hr/>		
					59,001	12	5

DEPRECIATION.

The amount at credit of the Water Supply Works Depreciation Account in the Commission's books at 1st July, 1961, was £790,751.

During the year an amount of £172,190 was raised for depreciation and a further sum of £3 was paid direct to the Fund, being an amount contributed by landholders and other bodies as capitalized maintenance of water supply works constructed for their respective benefits.

After crediting the account with interest amounting to £19,357 and deducting the expenditure for the year £16,463 the balance remaining in the account as at 30th June, 1962, was £965,838.

The *Water Act*, No. 6413, Section 83, provides that sums raised in respect of depreciation shall be paid into the Consolidated Revenue or, if the Treasurer so directs, shall to the extent that the Treasurer directs, be placed to the credit of the Water Supply Works Depreciation Fund. The Act provides further that all such moneys paid into the Consolidated Revenue shall be credited to the Water Supply Works Depreciation Account in the books of the Commission and credited with interest each year as if such sums had been placed to the credit of the Fund.

No transfer 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 £926,269.

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

Details of the Water Supply Works Depreciation Account are set out on pages 77 and 78 of this report.

PLANT AND MACHINERY ACCOUNT AND STORES SUSPENSE ACCOUNT.

The capital liability for large-size moveable plant and machinery, held in the Plant and Machinery Account at 30th June, 1962, was £1,604,062.

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 £338,226.

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 £1,211,670

The amount at debit of the Water Supply Stores Suspense Account as at 30th June, 1962, was £492,245 whereas the book value of stores and equipment controlled within the account was £830,471. The difference, £338,226, 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.

REVENUE EXPENDITURE CHARGEABLE TO THE STATE ACCOUNT.

Section 67 (3) (f) provides for a subsidy of such amount as the Governor in Council may authorize to be made available to each district for which water for irrigation is pumped by the Commission or for which the requirements are exceptional because of natural disaster or other special cause.

The subsidies actually provided and charged to the State Account in 1961-62 were :—

District—	£	s.	d.
Nyah	11,700	0	0
Red Cliffs	14,344	8	0
Tresco	9,439	5	11
	<hr/>		
	35,483	13	11

FINANCIAL STATEMENTS.

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

In accordance with the provisions of the Sewerage Districts Act, the Commission has been authorized to operate the Eildon Sewerage District, and the district has been rated since 1st July, 1957. The financial operations of the district are excluded from the financial statements set out hereunder which refer only to operations of Country Water Supply. Financial statements relating to the Eildon Sewerage District are set out on page 68 of this Report.

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 of 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 not directly chargeable to districts, including services of a "National Character" was	1,595,677
This amount may be offset by miscellaneous revenue collected in respect of rents, recoup payments, &c.	1,190,648
	<hr/>
	405,029

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

NET COST TO STATE.

The net cost to the State for the year in connexion with country water supply which has been met from general revenue was £5,439,143. 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 regarded as a "loss" is the amount of £12,663 being the net deficiency of £222,344 on districts, the operations of which were continued by direction of the Governor in Council, less the net surplus of £209,681 on other Commission districts.

A summary of the total cost to the State for the year's operations is set out hereunder—a more detailed analysis is set out on page 49 of this report.

	£	£
Net deficiency on "Order in Council" districts	222,344	
Less Net Surplus on other Commission districts	209,681	
		12,663
Cost of "National Services"	1,595,677	
Less Miscellaneous revenue collected	1,190,648	
		405,029
Interest, Exchange, and Loan Conversion Expenses on Headworks and Capital borne by the State	5,014,977	
	£	
Less Interest on Lands sold	5,489	
Reduction in Arrears of Interest owing by Waterworks Trusts..	43,702	
Interest on plant sold to, and works carried out for other Authorities	5	49,196
		4,965,781
		5,383,473
Less Amount paid to Revenue in respect of Depreciation (£171,192) and Redemption (£24,861)		196,053
		5,187,420
Contribution to National Debt Sinking Fund	315,044	
Less Recoups paid to Revenue	63,321	251,723
Net cost to the State		5,439,143

The net cost to the State for 1961-62 was £224,430 greater than the comparable figure for the previous year and represents £1 16s. 7d. *per capita* of the population of the State. The increase is due primarily to the continued increased charge for interest, exchange, and loan conversion expenses which reached a record total of £5,738,317—an increase of £551,740 over the previous year.

Since the charge for interest is determined by the loan liability of the Commission, the continued programme of capital works necessary for development of the water resources of the State must result in an increased charge for interest each year, and with rising rates of interest on borrowed moneys, the charge must increase to a greater extent, with a corresponding tendency to increase the overall cost to the State of country water supply.

RESULTS OF OPERATIONS IN DISTRICTS UNDER CONTROL OF COMMISSION.

Disbursements, 1961-62.

	Operating Expenses.	Interest on Capital Allotted.	Depreciation Paid by Districts.		Redemption Paid by Districts.	Total Disbursements.
			On Works.	On Buildings.		
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Plant Workshops	38,840 7 8	564 13 8	2,672 0 0	..	..	42,077 1 4
Coliban Works	189,422 8 11	13,581 2 11	25,044 0 0	827 0 0	..	228,874 11 10
Irrigation Districts	1,640,342 18 10	5,700 0 0	..	..	475 0 0	1,646,517 18 10
Waterworks Districts	628,152 10 2	26,508 3 1	26,320 0 0	3,011 0 0	..	683,991 13 3
Urban Districts	327,167 15 0	189,384 1 7	108,252 0 0	1,252 0 0	24,060 10 10	650,116 7 5
Flood Protection Districts	32,949 5 10	..	2,988 0 0	123 0 0	..	36,060 5 10
Carrum Drainage District	13,954 12 0	3,905 15 11	666 0 0	37 0 0	325 19 4	18,889 7 3
	2,870,829 18 5	239,643 17 2	165,942 0 0	5,250 0 0	24,861 10 2	3,306,527 5 9
Expenditure not chargeable to Districts—River Murray Commission, Recoupable and other items	1,482,539 9 4	..	..	..	..	1,482,539 9 4
	4,353,369 7 9	239,643 17 2	165,942 0 0	5,250 0 0	24,861 10 2*	4,789,066 15 1

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

Receipts, 1961-62.

	Water Rates and Charges, Diversions and Grazing Fees, &c.	Recoups on Account of Payments from Revenue.	Total Receipts.	Less—Transfer to Depreciation Fund.	Net 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	1,145 0 0	39,616 11 8	40,761 11 8	..	40,761 11 8	Dr. 1,315 9 8
Coliban Works	200,519 2 11	137 17 6	200,657 0 5	..	200,657 0 5	Dr. 28,217 11 5
Irrigation Districts	1,808,696 14 5	6,026 18 0	1,814,723 12 5	..	1,814,723 12 5	Cr. 168,205 13 7
Waterworks Districts	485,529 14 11	311 16 8	485,841 11 7	..	485,841 11 7	Dr. 198,150 1 8
Urban Districts	688,117 1 5	237 15 9	688,354 17 2	..	688,354 17 2	Cr. 38,238 9 9
Flood Protection Districts	43,169 9 7	13 0 11	43,182 10 6	..	43,182 10 6	Cr. 7,122 4 8
Carrum Drainage District	20,343 3 4	..	20,343 3 4	..	20,343 3 4	Cr. 1,453 16 1
	3,247,520 6 7	46,344 0 6	3,293,864 7 1	..	3,293,864 7 1	Dr. 12,662 18 8
Miscellaneous	102,674 17 11*	758 7 1	103,433 5 0	..	103,433 5 0	Cr. 103,433 5 0
Recoups of amounts paid from Revenue not credited to districts .. ..	..	872,122 9 2	872,122 9 2	..	872,122 9 2	Dr. 612,294 14 4
	3,350,195 4 6	919,224 16 9	4,269,420 1 3	..	4,269,420 1 3	Dr. 521,524 8 0

* In addition an amount of £12,000 was collected and paid to Rivers and Streams Fund as net revenue pursuant to Section 40 (1) (b) *River Improvement Act 1958* No. 6358.

NOTE.—This statement excludes operations of Eildon Sewerage District : Receipts £6,427 15s. 11d. disbursements (including depreciation) £9,256 0s. 7d.

SUMMARY OF OPERATIONS FOR YEAR 1961-62.

Receipts.				Expenditure.				Result.			
NATIONAL AND OTHER WORKS AND SERVICES.											
Construction, Administration, and Works for Other Authorities and Water Users.											
£ s. d.				£ s. d.				£ s. d.			
On-cost received	375,479	8	0	Administration	458,513	13	5				
Recoups of Expenditure ..	495,943	1	2	Expenditure Recoupable	471,431	11	6	Dr.	58,522	15	9
Deficiency	58,522	15	9								
	929,945	4	11		929,945	4	11				
River Murray, Sewerage, Grazing Rentals, &c., and Miscellaneous National Services.											
Recoup of Expenditure ..	700	0	0	Commissioner's Salaries	14,000	0	0				
Grants to Sewerage Authorities ..	215,092	4	9	River Murray, Sewerage, and Trusts ..	317,447	11	7				
Grazing Rentals, &c. ..	103,433	5	0	Miscellaneous National Services ..	235,146	12	10				
Deficiency	346,506	14	6	Pensions	99,137	19	10	Dr.	346,506	14	6
	665,732	4	3		665,732	4	3				
Net Cost to the State for Services of a National Character				..	..			Dr.	405,029	10	3
COMMISSION DISTRICTS.											
Rates and Charges	3,293,864	7	1	Vote Funds	2,870,829	18	5				
Less Depreciation Transfer ..	..									
	3,293,864	7	1	Interest charged on Capital borne by							
				Districts	239,643	17	2				
				Surplus	183,390	11	6	Cr.	183,390	11	6
	3,293,864	7	1		3,293,864	7	1				
CAPITAL CHARGES.											
Interest.											
Interest paid by Trusts ..	478,669	19	7	Interest, Exchange and Loan Con-							
Interest for Plant Hire, &c. ..	54,221	18	8	version Expenses	5,738,316	13	3				
Interest charged to Districts ..	239,643	17	2					Dr.	4,965,780	17	10
Deficiency	4,965,780	17	10								
	5,738,316	13	3		5,738,316	13	3				
National Debt Sinking Fund.											
Recoup of Contributions—				Contribution to National Debt Sinking							
Paid by Trusts ..	59,260	10	6	Fund	315,044	0	3				
Paid from Plant Hire ..	4,060	12	11					Dr.	251,722	16	10
Deficiency	251,722	16	10								
	315,044	0	3		315,044	0	3				
Total Expenditure Borne by the State				..	..				5,439,142	13	5

NOTE—These statements exclude operation of Eildon Sewerage District : Receipts £6,427 15s. 11d., Expenditure £9,256 0s. 7d., Deficiency £2,828 4s. 8d.

RECEIPTS AND DISBURSEMENTS.

STATEMENT of Moneys Received and Disbursed during the Year Ended 30th June, 1962.

Works.										Receipts.		Disbursements.	
										£	s. d.	£	s. d.
Commission's Districts—													
Plant Workshops ..	..	..	..	..	..	..	..	..	..	40,761	11 8	38,840	7 8
Coliban Works ..	..	..	..	..	..	..	..	..	..	200,657	0 5	189,422	8 11
Irrigation Districts ..	..	..	..	..	..	..	..	..	..	1,814,723	12 5	1,640,342	18 10
Waterworks Districts ..	..	..	..	..	..	..	..	..	..	485,841	11 7	628,152	10 2
Urban Districts ..	..	..	..	..	..	..	..	..	..	688,354	17 2	327,167	15 0
Flood Protection Districts ..	..	..	..	..	..	..	..	..	..	43,182	10 6	32,949	5 10
Carrum Drainage District ..	..	..	..	..	..	..	..	..	..	20,343	3 4	13,954	12 0
Total—Commission's Districts ..	..	..	..	..	..	..	..	..	..	3,293,864	7 1	2,870,829	18 5
Other Works and Services—													
Miscellaneous, Grazing Rentals, &c. ..	..	..	..	..	..	..	..	..	..	103,433	5 0	..	
River Murray Commission ..	..	..	..	..	..	..	..	..	..	..		80,050	0 0
Subsidies to Sewerage Authorities ..	..	..	..	..	..	..	..	..	..	..		215,092	4 9
Subsidies to Waterworks Trusts ..	..	..	..	..	..	..	..	..	..	..		22,305	6 10
Miscellaneous National Services ..	..	..	..	..	..	..	..	..	..	..		235,146	12 10
Expenditure Recoupable ..	..	..	..	..	..	..	..	..	..	495,943	1 2	471,431	11 6
Administration in respect of Expenditure from other funds ..	..	..	..	..	..	..	..	..	..	375,479	8 0	458,513	13 5
Total—Other Works and Services ..	..	..	..	..	..	..	..	..	..	974,855	14 2	1,482,539	9 4
Total Vote ..	..	..	..	..	..	..	..	..	..	4,268,720	1 3	4,353,369	7 9
Commissioners' Salaries (Special Appropriations) ..	..	..	..	..	..	..	..	..	..	700	0 0	14,000	0 0
Grand Totals ..	..	..	..	..	..	..	..	..	..	4,269,420	1 3	4,367,369	7 9
Total Disbursements from Vote and Special Appropriation ..										..		4,367,369	7 9
Net Receipts paid to Consolidated Revenue ..										4,269,420	1 3	..	
Grants by State—													
Subsidies to Sewerage Authorities ..	..	..	..	..	..	..	..	..	..	215,092	4 9	4,484,512	6 0
Surplus from Commission's Operations ..	..	..	..	..	..	..	..	..	..			Cr. 117,142	18 3
Amount not included in above Statement—													
Debits by Treasury for Pensions ..	..	..	..	..	..	..	..	..	..	99,137	19 10		
Interest Paid—													
By Waterworks Trusts and Local Governing Bodies ..	..	..	..	..	..	..	..	..	..	478,669	19 7		
By Plant and Machinery Account, &c. ..	..	..	..	..	..	..	..	..	..	48,727	14 10		
On Land Sold, &c. ..	..	..	..	..	..	..	..	..	..	5,494	3 10	Cr. 532,891	18 3
Interest, Exchange, and Loan Conversion Expenses ..	..	..	..	..	..	..	..	..	..	..		5,738,316	13 3
Debit by Treasury for National Debt Sinking Fund Contributions ..	..	..	..	..	..	..	..	..	..	315,044	0 3	5,187,419	16 7
Less Recoup of Contributions paid by—													
Waterworks Trusts ..	..	..	..	..	..	..	..	..	..	58,814	6 6		
River Improvement Trusts ..	..	..	..	..	..	..	..	..	..	446	4 0		
Plant and Machinery Account ..	..	..	..	..	..	..	..	..	..	4,060	12 11	63,321	3 5
Total Amount borne by the State ..	..	..	..	..	..	..	..	..	..	..		251,722	16 10
												5,439,142	13 5

This statement excludes operations of Eildon Sewerage District: Receipts, £6,427 15s. 11d.; Disbursements, £8,258 0s. 7d.

ANALYSIS OF EXPENDITURE BORNE BY THE STATE, 1961-62.

	£	s.	d.	£	s.	d.
Services of a National Character—						
Contributions by the State of Victoria to the River Murray Commission in accordance with the provisions of the River Murray Water Acts .. .. .	..	..	..	80,050	0	0
Subsidies to Sewerage Authorities in cases where the interest paid on capital liability is in excess of the rate of 3 per cent. .. .. .	..	..	..	215,092	4	9
Subsidies to Waterworks Trusts and Local Governing Bodies—						
To enable a reduction of 33½ per cent. to be made in Water Rates .. .. .	..	..	..	585	17	0
Where interest is in excess of 3 per cent. of Loans raised .. .. .	..	..	..	19,113	9	10
To limit maximum water rate to 3s. 6d. in the £. N.A.V. .. .. .	..	..	..	2,606	0	0
				22,305	6	10
Miscellaneous Services—						
Administration Waterworks Trusts and Sewerage Authorities .. .. .	..	..	..	27,196	4	11
Administration Farm Water Supplies .. .. .	..	..	..	2,479	7	1
Irrigation Branch .. .. .	..	..	..	5,572	5	10
Travelling—Chairman and Commissioners .. .. .	..	..	..	2,633	1	11
Minister's Staff .. .. .	..	..	..	3,614	5	0
Free water for Research, Free Places Melbourne University, Library, Publicity, etc. .. .. .	..	..	..	19,961	18	5
Rivers and Streams Division, River Gaugings, Diversions, Land Leasing, Surveys and Reports, .. .. .	..	..	..	85,427	16	0
Underground Water and Mining Investigations, Hydraulic Research .. .. .	..	..	..	88,261	13	8
Portion of General Administration charged to Miscellaneous National Services .. .. .	..	..	..
				235,146	12	10
Administration in respect of Expenditure from other Funds and Works carried out for other Authorities						
				458,513	13	5
Works carried out for other Authorities and Water Users, and salaries charged to construction projects, Recoupable						
				471,431	11	6
Total (from Vote Funds) .. .. .	..	..	..	1,482,539	9	
Commissioners' Salaries (special appropriations) .. .. .	..	..	..	14,000	0	0
Amount debited by the Treasury for Pensions .. .. .	..	..	..	99,137	19	10
				1,595,677	9	2
Less Revenue received from Grazing Licences, Rents, &c.						
.. .. .	..	..	..	103,433	5	0
.. .. .	..	..	..	375,479	8	0
.. .. .	..	..	..	495,943	1	2
.. .. .	..	..	..	700	0	0
.. .. .	..	..	..	215,092	4	9
				1,190,647	18	11
NET COST to the State for Services of a National Character						
				405,029	10	3
Commission Districts—						
Districts, which were required to meet all annual operating costs—						
Excess Revenue over Expenditure after allowing for Depreciation £122,299 and Redemption £23,354 1s. 8d.				Cr. 421,343	5	4
Current Interest—						
Paid	£	s.	d.	201,573	19	9
Forward Unpaid .. .. .	..	..	..	10,087	18	2
				211,661	17	11
				Cr. 209,681	7	5
Districts supplied by direction of Governor in Council, but which show excess Revenue over Expenditure after allowing for Depreciation £23,920 4s. 5d. and Redemption £1,507 8s. 6d.						
	10,930	9	9			
Less Current Interest Paid	5,503	3	9	Cr. 5,427	6	0
				Cr. 215,108	13	5
Districts supplied by direction of the Governor in Council and which show excess Expenditure over Revenue inclusive of Interest £24,972 15s. 7d. and Depreciation £22,478 15s. 6d.						
				Dr. 227,771	12	1
				Dr. 12,662	18	8
Add Amounts transferred to Water Supply Works Depreciation Fund in Treasury on account of moneys paid to Revenue and Interest credited to Depreciation Account						
				0	0	0
				12,662	18	8
Deduct Amounts paid to Revenue in respect of Depreciation on Works and Buildings £171,192 and Redemption £24,861 10s. 2d.						
				196,053	10	2
				Cr. 183,390	11	6
				221,638	18	9
Capital Charges—						
Interest on Capital Expenditure on Headworks and other Capital Expenditure borne by the State	4,799,374	3	1			
Exchange on Overseas Interest payments	205,926	0	2			
Loan Conversion Expenses	9,676	16	8			
	5,014,976	19	11			
Less Decrease in Arrears of Interest owing by Waterworks Trusts and other Corporations						
.. .. .	43,701	18	3			
.. .. .	5,488	12	9			
.. .. .	5	11	1	49,196	2	1
				4,965,780	17	10
National Debt Sinking Fund Operations—						
Contributions to Fund	315,044	0	3			
Less Recoups paid by River Improvement Trusts						
.. .. .	446	4	0			
.. .. .	58,814	6	6			
.. .. .	4,060	12	11	63,321	3	5
				251,722	16	10
NET EXPENDITURE borne by the State						
				5,439,142	13	5

NOTE.—This statement excludes operations of Eildon Sewerage District.

CASH ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	Receipts.	Expenditure.				Excess Receipts over Expenditure 1961-62.	Excess Receipts over Expenditure 1961-62.	Accumulated.		Deficiency Chargeable to State Account at 30th June, 1962.
		Operating Costs.	Interest.	Depreciation.	Redemption.			Surplus Credited to District Account at 30th June, 1962.	Deficiency Chargeable to District Account at 30th June, 1962.	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
PLANT WORKSHOPS.										
1. Bendigo ..	33,367 3 0	32,993 17 9	510 17 8	2,050 0 0	..	2,187 12 5	..	..	16,972 9 3	..
2. Residences ..	1,145 0 0	708 0 0	..	350 0 0	..	..	87 0 0	..	954 6 3	..
Total Central Plant Workshops ..	34,512 3 0	33,701 17 9	510 17 8	2,400 0 0	..	2,100 12 5	..	..	17,926 15 6	..
3. Kerang Sub-Depot ..	2,783 4 7	2,586 12 0	53 16 0	222 0 0	..	79 3 5	..	..	336 11 5	..
4. Tatura Sub-Depot ..	3,466 4 1	2,551 17 11	..	50 0 0	..	..	864 6 2	..	73 2 10	..
Totals ..	40,761 11 8	38,840 7 8	564 13 8	2,672 0 0	..	2,179 15 10	864 6 2	..	18,336 9 9	..

COLIBAN SYSTEM.

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure chargeable to the State Account". (By authority of Order in Council dated 5th December, 1961, under the provisions of Section 47, *Water Act 1958*, No. 6413.)

1. Axe Creek ..	998 5 4	1,575 6 0	..	4 0 0	..	581 0 8	..	..	1,539 1 10	4,857 14 0
2. Coliban ..	192,510 8 4	179,208 7 3	13,580 4 7	25,569 0 0	..	25,847 3 6	..	..	46,251 6 1	1,326,532 2 8
3. Elphinstone ..	471 12 10	390 17 2	..	124 0 0	..	43 4 4	..	..	52 13 11	236 2 10
4. Harcourt ..	6,218 8 0	7,767 5 8	..	44 0 0	..	1,592 17 8	..	..	7,079 2 3	2,755 5 1
5. Marong ..	458 5 11	480 12 10	0 18 4	130 0 0	..	153 5 3	..	..	169 1 4	1,607 16 0
Totals ..	200,657 0 5	189,422 8 11	13,581 2 11	25,871 0 0	..	28,217 11 5	..	..	55,091 5 5	1,335,989 0 7

PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	Net Revenue Assessment.	Expenditure.		Profit and Loss.		Appropriation.			
		Operating Cost, Interest and Depreciation.	Redemption Charged.	Excess Expenditure Over Revenue 1961-62.	Excess Revenue over Expenditure 1961-62.	Adjustments to Revenue of Former Years Including Amounts Written Off. (A) Loss State (Act No. 6413, Sec. 54.).	Accumulated.		
							Interest and Other Losses before 1st July, 1963, borne by State (Act No. 6413, Sec. 54.).	Loss since 30th June, 1963.	Gain as at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
PLANT WORKSHOPS.									
1. Bendigo	40,962 3 2	35,554 15 5	44 1 10	..	5,363 5 11	..	..	..	3,793 18 11
2. Residences	1,145 0 0	1,058 0 0	..	..	87 0 0	..	..	954 6 3	..
Total Central Plant Workshops ..	42,107 3 2	36,612 15 5	44 1 10	..	5,450 5 11	..	..	..	2,839 12 8
3. Kerang Sub-Depot	2,783 4 7	2,862 8 0	4 11 1	83 14 6	..	..	..	348 15 10	..
4. Tatura Sub-Depot	3,466 4 1	2,601 17 11	..	..	864 6 2	..	..	73 2 10	..
Totals	48,356 11 10	42,077 1 4	48 12 11	83 14 6	6,314 12 1	..	..	421 18 8	2,839 12 8

COLIBAN SYSTEM.

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure chargeable to the State Account". (By authority of Order in Council dated 5th December, 1961, under the provisions of Section 47, <i>Water Act 1965</i> , No. 6413.)									
1. Axe Creek	1,081 11 1	1,579 6 0	..	497 14 11	..	..	..	6,269 2 2	..
2. Coliban	209,530 19 11	218,357 11 10	733 0 0	9,559 11 11	..	(A) 101 16 8	828,373 18 10	518,799 5 6	..
3. Elphinstone	435 6 0	514 17 2	..	79 11 2	..	..	..	283 18 1	..
4. Harcourt	6,128 11 7	7,811 5 8	..	1,682 14 1	..	..	..	9,889 5 3	..
5. Marong	581 0 0	611 11 2	0 1 10	30 13 0	..	..	..	1,609 0 8	..
Totals	217,757 8 7	228,874 11 10	733 1 10	11,850 5 1	..	(A) 101 16 8	828,373 18 10	536,850 11 8	..

IRRIGATION DISTRICTS.

CASH ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	Receipts.	Expenditure.			O.I.C Subsidy (Act No. 6413 Sec. 67 (3) (f)), Charged to Expenditure, Borne by State Account.	Excess Expenditure over Receipts and Subsidy 1961-62.	Excess Receipts and Subsidy over Expenditure 1961-62.	Amounts Transferred to Maintenance and Equilization and Renewals Account, 1961-62.	Accumulated.		
		Operating Costs.	Interest.	Redemption.					Surplus Credited to District Account at 30th June, 1962.	Deficiency Charged to District Account at 30th June, 1962.	Deficiency Charged to State Account at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh	36,583 11 8	23,041 3 2	5,700 0 0	475 0 0	..	..	7,367 8 6	7,476 6 9	7,367 8 6	..	21,170 8 3
2. Campaspe	1,369 18 8	1,143 0 8	..	..	..	..	226 18 0	94 1 2	226 18 0	..	4,994 2 7
3. Goulburn-Murray	1,235,426 14 6	1,079,939 12 8	..	..	..	..	155,487 1 10	..	18,221 2 7	..	712,566 3 10
4. Macallister	145,639 10 4	123,205 4 7	..	..	..	..	22,434 5 9	4,551 12 7	22,434 5 9	..	3,713 1 5
5. Merbein	103,568 5 6	101,029 9 4	..	..	..	..	2,538 16 2	..	..	757 7 1	125,301 9 0
6. Nyah	27,348 13 7	39,236 5 2	..	..	11,700 0 0	187 11 7	..	..	..	15,111 4 9	106,856 2 11
7. Red Cliffs	148,160 2 10	162,611 4 1	..	..	14,344 8 0	106 13 3	..	..	..	284 10 2	268,775 10 11
8. Robinvale	69,144 2 3	58,941 11 3	..	..	..	..	10,202 11 0	..	8,330 9 0	..	127,590 9 10
9. Tresco	16,452 18 2	22,587 1 7	..	..	9,439 5 11	..	3,305 2 6	..	..	5,186 16 8	172,347 14 4
10. Werribee	31,029 14 11	28,808 6 4	..	..	..	..	2,421 8 7	4,032 9 1	2,421 8 7	..	52,707 6 11
	1,814,723 12 5	1,640,342 13 10	5,700 0 0	475 0 0	35,433 13 11	294 4 10	203,983 12 4	16,154 9 7	59,001 12 5	21,339 18 8	1,596,022 10 0

IRRIGATION DISTRICTS.

PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	1.	Net Revenue.		Expenditure.		O.I.C. Subsidy (Act No. 6413 Sec. 67 (3) (f)), Chargeable to Borne by State Account.	Profit and Loss.		Appropriation.																						
		2.	3.	4.	5.		6.	7.	8.	9.	10.	11.	12.																		
		£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	Losses Borne by State Account at 30th June, 1962.	District Loss at 30th June, 1962.	District Gain as at 30th June, 1962.												
1. Bacchus Marsh	..	38,434	4	8	28,741	3	2	475	0	0	..	..	9,218	1	6	7,476	6	9	(B) 10	0	0	21,170	8	3	..	..	9,604	11	5
2. Campaspe	..	1,441	0	1	1,143	0	8	..	..	..	..	..	297	19	5	94	1	2	(A) 1	9	6	4,994	2	7	..	..	241	12	9
3. Goulburn-Murray	..	1,317,574	13	3	1,079,939	12	8	..	..	..	..	..	237,635	0	7	..	..	..	(A) 1,404	12	8	712,566	3	10	..	..	310,551	5	2
4. Macalister	..	150,673	16	11	123,205	4	7	..	..	..	..	..	27,468	12	4	4,551	12	7	(A) 179	15	11	3,713	1	5	..	..	47,995	1	0
5. Merbein	..	104,946	13	4	101,029	9	4	..	..	..	..	..	3,917	4	0	..	..	..	..	..	..	125,301	9	0	..	..	2,571	11	8
6. Nyah	26,190	16	0	39,236	5	2	11,700	0	0	1,345	9	2	(A) 34	19	3	106,856	2	11	1,380	8	5	
7. Red Cliffs	..	148,268	6	1	162,611	4	1	..	..	..	14,344	8	0	..	1	10	0	..	(A) 1	10	0	268,775	10	11	..	..	..	..	..
8. Robinvale	..	69,218	5	3	58,941	11	3	..	..	..	..	..	10,276	14	0	..	..	..	(A) 125	11	10	127,590	9	10	..	..	10,151	2	2
9. Tresco	..	14,375	9	9	22,567	1	7	..	..	..	9,439	5	11	..	1,227	14	1	..	(A) 7	4	0	172,347	14	4	..	..	..	..	..
10. Werribee	..	32,414	19	10	28,608	6	4	..	..	..	..	..	3,806	13	6	4,032	9	1	(A) 31	10	0	52,707	6	11	..	..	5,576	18	5
Totals	1,903,533	5	2	1,646,042	18	10	475	0	0	35,483	13	11	1,345	9	2	16,154	9	7	(A) 1,776	13	2	1,596,022	10	0	1,380	8	5	386,692	2	7

WATERWORKS DISTRICTS.

CASH ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	Receipts.	Expenditure.				Excess Receipts over Receipts 1961-62.	Excess Receipts over Expenditure 1961-62.	Accumulated.		
		Operating Costs.	Interest.	Depreciation.	Redemption.			Surplus Credited to District Account at 30th June, 1962.	Deficiency Chargeable to District Account at 30th June, 1962.	Deficiency Chargeable to State Account at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Ballarine Peninsula ..	5,609 6 5	3,527 16 8	..	1,989 0 0	..	..	92 9 9	..	52,068 4 11	9,927 9 8
2. East Loddon ..	3,460 12 5	3,377 1 3	..	..	..	..	83 11 2	2,214 3 9	..	..
3. Loddon ..	3,677 6 2	3,523 5 9	..	15 0 0	..	..	139 0 5	270 5 4	..	700 1 11
4. Morungton Peninsula ..	34,743 3 7	12,695 14 0	16,528 10 3	6,838 0 0	..	1,319 0 8	..	50,721 13 10	..	1,077 12 3
5. Upper Wimmera ..	57,262 10 0	61,152 15 10	..	365 0 0	..	4,255 5 10	..	29,179 19 5	..	57,238 13 9
6. West Loddon ..	9,972 11 5	6,483 12 10	..	..	..	..	3,488 18 7	616 15 1	..	..
7. Wimmera ..	117,183 12 0	117,742 4 9	..	2,489 0 0	..	3,047 12 9	..	..	74,355 10 2	16,100 19 8
Totals ..	231,909 2 0	208,502 11 1	16,528 10 3	11,696 0 0	..	8,621 19 3	3,803 19 11	53,822 18 0	155,603 14 6	85,044 17 3
<p>The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where the 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 Order in Council dated 5th December, 1961, under the provisions of Section 47, <i>Water Act</i> 1968, No. 6413.)</p>										
8. Kerang — North - West	2,156 6 6	2,026 12 0	..	1,055 0 0	..	..	129 14 6	1,665 13 3	..	3,738 2 0
Lakes ..	86,950 1 6	136,123 8 1	..	7,596 0 0	..	50,228 6 7	..	..	89,693 16 11	745,087 14 5
9. Mallee ..	25,950 12 4	68,266 7 6	..	396 0 0	..	49,911 15 2	..	..	69,767 14 9	1,289,683 7 4
10. Millewa ..	10,438 7 2	11,054 2 10	..	1,812 0 0	..	1,011 15 8	..	..	6,621 7 6	1,894 1 6
11. Normanville ..	67,763 15 3	143,342 12 2	..	6,486 0 0	..	77,390 16 11	..	..	213,353 13 10	1,795,797 15 5
12. Northern Mallee ..	46,823 13 6	38,982 17 4	9,979 12 10	290 0 0	..	8,624 16 8	..	2,756 8 3	20,097 16 8	39,257 18 2
13. Otway ..	13,397 7 10	19,381 18 8	..	..	..	6,274 10 10	..	..	989 5 1	261,001 19 11
14. Tyntynder North ..	452 5 6	472 0 6	..	..	..	19 15 0	..	..	..	2,755 9 5
15. Werribee ..	253,932 9 7	419,649 19 1	9,979 12 10	17,635 0 0	..	193,461 16 10	129 14 6	4,422 1 6	400,523 14 9	4,139,216 8 2
Totals ..	485,841 11 7	628,152 10 2	26,508 3 1	29,331 0 0	..	202,083 16 1	3,933 14 5	58,244 19 6	556,127 9 3	4,224,261 5 5
Grand Totals ..										

WATERWORKS DISTRICTS.

PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	1.	Net Revenue Assessment.	Expenditure.		Profit and Loss.		Appropriation.			
			Operating Costs, Interest, and Depreciation.	Redemption Charged.	Excess Expenditure over Revenue 1961-62.	Excess Revenue over Expenditure 1961-62.	Adjustments to Revenue of Former Years including Written Off. (A) Loss. (B) Gain.	Accumulated.		Gain as at 30th June, 1962.
								Interest and Other Losses before 1st July, 1958, Borne by State (Act No. 6413, Sec. 54).	Loss since 30th June, 1958.	
		2.	3.	4.	5.	6.	7.	8.	9.	10.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bellarine Peninsula	..	7,327 11 10	5,516 16 8	..	..	1,810 15 2	(B) 200 1 4	9,927 9 8	48,497 13 4	..
2. East Loddon	3,360 8 9	3,377 1 3	..	16 12 6	..	..	..	..	2,498 17 3
3. Loddon	3,681 3 1	3,538 5 9	..	..	142 17 4	(A) 0 1 0	..	330 12 3	..
4. Mornington Peninsula	38,117 13 4	36,062 4 3	1,324 17 9	..	730 11 4	(A) 111 14 5	1,077 12 3	..	59,081 6 0
5. Upper Wimmera	57,496 6 2	61,517 15 10	..	4,021 9 8	..	(A) 0 14 0	13,389 11 7	71,724 1 11	..
6. West Loddon	9,905 6 4	6,483 12 10	..	..	3,421 13 6	(B) 18 4 6	..	..	579 17 1
7. Wimmera	119,684 8 7	120,231 4 9	..	546 16 2	..	..	13,428 5 1	68,860 1 4	..
Totals	239,572 18 1	236,727 1 4	1,324 17 9	4,584 18 4	6,105 17 4	(B) 105 16 5	37,822 18 7	189,412 8 10	62,160 0 4
The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where the 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 Order in Council dated 5th December, 1961, under the provisions of Section 47, <i>Water Act 1958</i> , No. 6413.)										
8. Kerang—North-West Lakes	..	3,963 15 5	2,026 12 0	..	..	1,937 3 5	(A) 7 0 5	831 10 5	..	1,330 18 6
9. Mallee	86,423 11 4	137,178 8 1	..	50,754 16 9	..	(A) 7 14 0	134,716 12 7	698,142 12 4	..
10. Millewa	22,047 17 3	75,862 7 6	..	53,814 10 3	..	(A) 3,252 18 3	201,206 16 0	1,157,996 9 5	..
11. Normanville	10,535 0 5	11,450 2 10	..	915 2 5	..	..	..	8,419 3 8	..
12. Northern Mallee	66,802 4 3	145,154 12 2	..	78,352 7 11	..	(A) 438 14 8	248,625 14 4	1,752,402 3 11	..
13. Otway	46,423 12 5	55,448 10 2	726 0 4	9,750 18 1	..	(A) 11 3 4	..	38,929 7 7	..
14. Tyntynder North	8,859 0 0	19,671 18 8	..	10,812 18 8	..	(A) 1,002 18 7	52,263 5 5	228,362 14 1	..
15. Werribee	476 3 11	472 0 6	..	..	4 3 5	..	2,221 10 10	1,530 19 3	..
Totals	245,531 5 0	447,264 11 11	726 0 4	204,400 14 1	1,941 6 10	(A) 4,720 9 3	639,865 9 7	3,885,983 10 3	1,330 18 6
Grand Totals	485,104 3 1	683,991 13 3	2,050 18 1	208,985 12 5	8,047 4 2	(A) 4,614 12 10	677,688 8 2	4,075,395 19 1	63,490 18 10

URBAN DISTRICTS.

CASH ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	Receipts.	Expenditure.				Excess Expenditure over Receipts 1961-62.	Excess Receipts over Expenditure 1961-62.	Accumulated.		
		Operating Costs.	Interest.	Depreciation.	Redemption.			Surplus Credited to District Account at 30th June, 1962.	Deficiency Chargeable to District Account at 30th June, 1962.	Deficiency Chargeable to State Account at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Anglessea	10,317 18 7	4,027 18 9	3,419 16 5	766 0 0	286 13 5	..	1,817 10 0	8,423 3 6	..	3,110 10 4
2. Barwon Heads - Ocean Grove	16,157 3 2	6,770 10 8	4,711 5 5	2,405 0 0	759 8 8	..	1,510 18 5	3,369 15 1	..	..
3. Berwick	8,818 5 8	3,957 8 5	1,840 1 3	1,059 0 0	304 5 8	..	1,657 10 4	..	277 2 4	1,556 7 3
4. Beulah	1,699 18 0	1,570 9 10	263 10 9	109 0 0	..	243 2 7	..	932 8 6	..	870 16 11
5. Birelip	3,675 17 6	2,797 16 6	553 17 3	127 0 0	133 15 6	..	63 8 3	1,473 16 7	..	4,380 19 8
6. Birregurra	2,071 6 3	526 6 10	1,064 19 5	186 0 0	252 14 7	..	41 5 5	536 4 7	..	..
7. Bittern-Crib Point	4,587 7 0	1,876 1 5	1,064 16 9	1,019 0 0	177 19 11	..	643 8 11	..	727 11 3	1,833 11 6
8. Bunyip	1,798 12 3	1,421 16 8	539 1 0	390 0 0	..	552 5 5	..	1,117 9 2	..	474 1 9
9. Camperdown	18,640 3 0	12,920 12 4	4,397 1 1	1,530 0 0	..	207 10 5	1,277 18 8	1,277 18 8	2,285 14 8	..
10. Carrum Downs	2,421 13 10	626 5 2	330 0 0	160 0 0	27 10 0	..	..	..	282 1 6	381 9 3
11. Carwarp	45 18 0	37 9 0	..	8 0 0	..	..	14,456 4 8	14,908 14 8	981 11 4	632 5 1
12. Chelsea-Frankston	156,376 15 9	64,666 14 6	42,136 7 10	26,502 0 0	8,615 8 9	73 12 9	..	..	..	..
13. Chillingollah	142 14 8	145 0 8	55 6 9	16 0 0	..	155 19 1	..	398 10 6	..	..
14. Cobden	8,347 17 8	6,050 16 5	1,808 0 4	645 0 0	..	1,894 13 1	..	..	..	..
15. Cohuna	17 8 4	1,877 14 2*	..	..	..	..	..	..	..	..
16. Cranbourne	4,010 10 7	2,311 1 7	1,144 16 8	537 0 0	17 12 4	..	59 15 3	1,600 9 0	..	538 9 1
17. Culgoa	802 16 4	495 7 8	188 9 0	46 0 0	13 4 5	..	..	481 18 4	..	..
18. Dandenong-Springvale	47,364 1 6	23,755 7 0	19,810 19 4	8,269 0 0	..	4,471 4 10	..	60,204 9 9	1,122 14 11	3,601 18 7
19. Dimboola	5,625 11 2	4,751 0 10	858 12 6	376 0 0	..	360 2 2	..	..	..	..
20. Dromana-Portsea	112,741 14 6	37,202 19 6	38,877 19 2	30,653 0 0	6,007 15 10	..	364 1 11	15,860 14 5	..	440 6 6
21. Drysdale	3,395 19 8	1,445 6 1	992 12 0	429 0 0	164 19 8	..	..	1,619 17 7	..	..
22. Eildon	6,619 3 3	3,185 5 4	2,170 13 5	1,174 0 0	89 4 6	..	..	2,422 11 6	..	602 8 1
23. Garfield	1,469 9 8	878 0 10	485 17 9	222 0 0	..	116 8 11	..	1,657 4 5	..	..
24. Gunbower	1,225 11 4	440 13 7	210 0 10	77 0 0	17 10 1	..	480 6 10	491 8 1	..	..
25. Hastings	5,916 9 6	2,625 13 5	1,544 19 10	1,033 0 0	251 0 11	..	461 15 4	..	508 12 6	972 14 8
26. Heyfield	9,025 15 1	5,760 6 9	1,277 2 9	604 0 0	107 10 0	..	1,276 15 7	1,985 8 2	..	1,909 12 11
27. Hopetoun	4,324 4 9	3,031 12 5	675 13 2	160 0 0	56 16 2	..	400 3 0	1,105 8 2	..	1,563 5 7
28. Jeparit	2,625 4 8	1,737 15 6	522 19 8	150 0 0	37 13 8	..	176 15 10	775 0 5	..	..
29. Koondrook	3,270 5 11	1,736 10 11	..	210 0 0	..	..	1,323 15 0	1,300 14 10	..	4,491 2 11
30. Lalbert	553 2 6	538 3 5	4 8 10	96 0 0	..	85 9 9	35 18 9	1,087 16 7	480 6 3	1,716 2 9
31. Leitchville	1,303 19 11	846 9 11	212 13 8	191 0 0	17 17 7	..	739 7 8	983 13 2	..	389 9 9
32. Leopold	1,762 12 2	678 3 5	249 5 6	75 0 0	20 15 7	..	..	..	..	..
33. Lockington	1,017 11 4	708 12 0	222 14 10	141 0 0	..	54 15 6	..	1,183 0 8	..	..

URBAN DISTRICTS—CASH ACCOUNTS—continued.

District.	Receipts.	Expenditure.				Excess Expenditure over Receipts 1961-62.	Excess Receipts over Expenditure 1961-62.	Accumulated.		
		Operating Costs.	Interest.	Depreciation.	Redemption.			Surplus Credited to District Account at 30th June, 1962.	Deficiency Chargeable to District Account at 30th June, 1962.	Deficiency Chargeable to State Account at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
34. Longwarry ..	3,196 14 7	1,223 8 4	1,189 0 9	746 0 0	38 5 6	..	..	1,927 17 1	..	..
35. Manangatang ..	1,513 15 11	1,406 5 4	75 16 9	83 0 0	..	51 6 2	..	..	1,896 13 2	2,271 12 3
36. Merbein ..	6,372 5 9	4,364 9 2	1,001 7 11	623 0 0	80 8 5	..	503 0 3	4,756 15 5	..	510 10 1
37. Minyip ..	3,045 16 7	2,183 14 0	408 6 0	189 0 0	31 6 1	..	233 10 6	..	424 16 7	..
38. Mitiamo ..	615 7 7	495 18 7	..	98 0 0	..	..	21 9 0	171 12 3	..	2,494 14 5
39. Mornington ..	41,951 8 6	15,531 2 6	15,205 12 0	8,594 0 0	2,620 14 0	..	..	2,287 8 10	1,088 0 10	121 1 10
40. Natimuk ..	1,112 3 2	1,425 9 6	223 5 0	90 0 0	..	626 11 4	..	..	727 8 4	..
41. Nyah West ..	1,949 0 9	1,704 5 1	254 2 7	177 0 0	..	186 6 11	274 7 2	419 4 8	2,013 7 10	1,478 15 8
42. Officer ..	1,647 16 2	586 17 10	522 0 5	221 0 0	43 10 9	..	..	..	..	..
43. Ouyen ..	6,165 4 6	5,640 10 6	448 16 11	546 0 0	..	470 2 11	..	5,988 8 9	413 5 2	1,558 5 6
44. Pakenham ..	6,292 1 11	3,064 0 7	2,372 4 3	938 0 0	..	82 2 11	..	..	87 7 9	134 1 5
45. Piangil ..	819 16 4	619 16 7	..	111 0 0	..	..	88 19 9	..	..	6,503 3 8
46. Pimpino ..	253 17 2	180 7 0	..	52 0 0	..	..	21 10 2	..	..	..
47. Portarlington ..	7,628 16 0	3,085 16 8	1,610 14 4	1,116 0 0	134 11 0	..	1,681 14 0	4,863 15 3	..	..
48. Pyramid Hill ..	1,626 8 8	948 6 0	347 13 5	112 0 0	28 3 4	..	190 5 11	2,080 18 9	..	..
49. Quambatook ..	1,790 16 1	1,120 18 1	132 1 3	130 0 0	16 3 11	..	391 12 10	310 18 2	..	400 8 11
50. Queenscliff - Point Lonsdale ..	13,557 15 11	6,653 3 6	4,961 11 2	1,959 0 0	..	15 18 9	..	5,618 7 5	..	..
51. Rainbow ..	2,554 3 2	2,214 15 0	541 11 2	230 0 0	..	432 3 0	..	2,490 15 7	..	..
52. Red Cliffs ..	9,535 7 8	6,632 7 11	2,592 9 4	691 0 0	..	380 9 7	..	5,235 3 5	..	..
53. Robinvale ..	3,967 10 6	2,915 4 8	691 9 1	218 0 0	58 6 2	..	84 10 7	1,978 11 3	..	..
54. Rupanyup ..	2,403 15 7	1,643 3 9	503 6 1	189 0 0	37 15 9	..	30 10 0	982 13 7	..	..
55. Sea Lake ..	3,384 19 0	2,391 17 8	645 6 7	160 0 0	52 10 3	..	135 4 6	1,957 2 10	..	1,285 8 8
56. Somerville ..	2,102 12 1	848 15 4	791 14 8	363 0 0	99 2 1	..	..	845 18 10	..	..
57. South Frankston ..	46,300 0 7	10,481 17 5	11,710 3 10	4,726 0 0	1,430 4 0	..	17,951 15 4	25,024 18 3	..	..
58. South Thorne ..	1,703 15 3	707 14 9	440 11 6	299 0 0	43 14 6	..	212 14 6	3,151 6 7	..	108 4 10
59. Tallygaroopna ..	464 3 8	252 17 0	122 1 5	59 0 0	10 5 2	..	20 0 1	968 14 5	..	..
60. Terang ..	10,246 4 8	7,970 6 4	2,165 18 9	754 0 0	..	644 0 5	..	1,584 4 2	..	..
61. Torquay ..	7,981 5 3	3,697 9 9	2,758 18 6	482 0 0	340 4 2	..	702 12 10	6,153 12 6	..	1,755 7 7
62. Tyabb ..	2,395 9 6	613 15 9	695 11 1	341 0 0	58 0 7	..	687 2 1	979 10 0	..	..
63. Ultima ..	878 19 5	887 17 10	0 10 0	72 0 0	..	81 8 5	..	..	1,014 4 6	2,566 14 9
64. Woomelang ..	1,331 7 4	1,016 5 1	280 0 0	131 0 0	..	95 17 9	..	762 14 2	..	1,171 19 8
65. Wycheproof ..	3,910 10 7	2,461 14 7	830 10 2	252 0 0	69 19 5	..	296 6 5	2,253 12 11	..	1,709 7 0
Totals ..	647,072 13 4	296,406 10 10	184,962 18 1	104,117 0 0	22,553 2 4	11,281 12 8	50,314 14 9	207,992 1 5	14,330 18 11	62,724 1 1

URBAN DISTRICTS—CASH ACCOUNTS—continued.

District.	Receipts.	Expenditure.					Excess Receipts over Expenditure 1961-62.	Accumulated.		
		Operating Costs.	Interest.	Depreciation.	Redemption.	£ s. d.		Surplus Credited to District Account at 30th June, 1962.	Deficiency Chargeable to District Account at 30th June, 1962.	Deficiency Chargeable to State Account at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
66. Allansford	6,353 19 9	4,204 2 7	739 11 7	481 0 0	108 16 8	..	820 8 11	..	373 4 3	1,093 12 4
67. Antwerp	120 10 6	133 11 7	11 9 5	14 0 0	..	38 10 6	..	..	2 14 5	119 12 8
68. Berrilllock	665 14 6	648 11 1	89 17 9	37 0 0	..	109 14 4	..	..	73 7 3	326 13 0
69. Brim...	459 15 10	845 13 4	15 2 8	50 0 0	..	451 0 2	..	..	1,064 3 2	2,553 4 11
70. Chinkapook	233 1 7	350 9 6	..	16 0 0	..	133 7 11	..	..	36 6 9	2,094 12 10
71. Corop	43 14 9	48 5 7	..	40 0 0	..	44 10 10	..	..	31 3 4	150 11 9
72. Dingee	271 12 7	173 10 0	..	110 0 0	..	11 17 5	..	..	138 3 5	834 4 1
73. Dooen	53 13 4	42 2 10	20 11 5	22 0 0	..	31 0 11	..	76 10 6	..	234 7 5
74. Jung Jung	356 10 4	726 8 11	0 1 0	69 0 0	..	438 19 7	..	..	425 3 7	4,944 10 0
75. Lake Boga	1,319 3 3	1,251 2 9	2 17 4	203 0 0	..	137 16 10	..	..	567 8 4	6,051 9 8
76. Lascelles	429 6 1	606 10 5	0 9 11	85 0 0	..	262 14 3	..	..	215 18 6	1,505 17 6
77. Macorna	219 11 5	152 0 11	..	54 0 0	..	16 15 7	13 10 6	..	423 3 7	123 9 3
78. Marnoo	690 4 5	515 15 0	92 5 0	36 0 0	..	..	..	80 4 9	..	16 15 7
79. Meringur	158 6 10	94 4 6	0 2 8	118 0 0	0 0 3	457 14 0	27 19 5	..	79 15 9	2,361 1 11
80. Murrabit	191 11 6	531 5 6	..	36 0 0	..	32 17 11	..	..	497 8 3	4,201 2 4
81. Nandaly	264 16 4	261 12 4	0 1 11	36 0 0	..	..	100 4 3	8 8 1	..	885 19 4
82. Nar Nar	1,395 15 0	778 10 9	..	517 0 0	..	1,713 5 8	..	..	112 12 3	..
83. Newstead	1,702 3 7	3,092 13 5	81 15 10	241 0 0	15 0 10	..	35 16 11	..	1,068 3 11	13,693 12 4
84. Nullawill	371 11 11	267 13 8	13 0 6	40 0 0	..	55 12 8	..	..	157 17 2	611 17 3
85. Nyah	866 16 7	823 9 3	..	99 0 0	..	288 10 2	..	..	657 9 7	707 4 6
86. Patchewollock	458 0 8	680 9 10	0 1 0	66 0 0	..	400 13 1	..	..	815 0 2	1,418 4 0
87. Speed	431 8 8	754 1 3	0 0 6	78 0 0	..	485 19 8	..	..	534 4 1	1,534 19 0
88. Tempy	276 1 6	683 10 11	0 10 3	78 0 0	..	41 5 3	..	..	267 2 0	1,412 9 6
89. Waichie	46 10 0	60 15 3	..	27 0 0	..	356 4 0	..	..	671 6 2	1,816 19 0
90. Walpeup	402 14 7	713 4 1	0 14 6	45 0 0	..	28 13 7	..	..	24 15 6	2,364 18 5
91. Watchem	742 14 8	680 15 4	5 12 11	85 0 0	..	..	218 8 10	..	1,752 1 3	1,544 8 6
92. Werrimull	611 18 9	321 8 9	0 0 11	72 0 0	0 0 3	..	4,081 2 8	219 14 9	..	3,276 4 6
93. Wonthaggi	21,261 6 4	10,027 10 8	3,320 2 6	2,449 0 0	1,383 10 6	98 3 2	..	..	2,654 13 1	4,571 4 4
94. Woornen	679 4 10	702 16 4	26 11 8	48 0 0	..	456 16 4	..	..	724 10 10	234 12 1
95. Yaaapeet	204 3 9	588 17 10	0 2 3	72 0 0	..	..	..	..	219 4 8	1,565 16 4
Totals ..	41,282 3 10	30,761 4 2	4,421 3 6	5,387 0 0	1,507 8 6	6,092 3 10	5,297 11 6	384 18 1	13,587 1 3	62,249 14 4
Grand Totals ..	688,354 17 2	327,167 15 0*	189,384 1 7	109,504 0 0	24,060 10 10	17,373 16 6	55,612 6 3	208,376 19 6	27,918 0 2	124,973 15 5

* Excess of Assets over Liabilities transferred to Cohuna Waterworks Trust £1,877 14s. 2d.

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure chargeable to the State Account". (By authority of Order in Council dated 5th December, 1961, under the provisions of Section 47, *Water Act 1958*, No. 6413.)

URBAN DISTRICTS.

PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	Net Revenue Assessment.	Expenditure.		Profit and Loss.		Appropriation.											
		Operating Costs Interest, and Depreciation.		Redemption Charged.	Excess Expenditure over Revenue 1961-62.	Excess Revenue over Expenditure 1961-62.	Adjustments to Revenue of Former Years including Amounts Written Off. (A) Loss. (B) Gain.		Accumulated.								
		£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.				
1. Anglesea	11,040	4 9	8,213	15 2	286	13 5	2,539	16 2	(B) 388	4 0	1,638	15 9	..	..	8,750	1 4
2. Barwon Heads-Ocean Grove	17,624	10 0	13,886	16 1	386	19 10	3,350	14 1	(B) 120	11 2	..	..	..	..	7,555	5 11
3. Berwick	8,933	18 6	6,856	9 8	152	2 10	1,925	6 0	(A) 36	7 8	..	..	1,101	13 10	..	..
4. Beulah	1,921	14 6	1,943	0 7	22	4 1	..	..	43	10 2	..	..	..	..	969	5 3
5. Birchip	3,893	4 6	3,478	13 9	46	4 9	..	..	..	..	..	..	..	..	..	..
6. Birregurra	2,194	3 0	1,777	6 3	88	17 5	..	..	..	..	..	..	..	..	..	..
7. Bittern-Crib Point	4,559	15 4	3,765	18 2	69	19 8	..	..	..	..	..	..	..	..	..	..
8. Bunyip	1,839	11 10	2,350	17 8	45	8 10	..	..	..	..	..	..	..	..	..	..
9. Camperdown	19,194	9 6	18,847	13 5	304	9 7	..	..	..	..	..	..	..	..	..	..
10. Carrum Downs	2,772	6 4	1,116	5 2	27	10 0	..	..	..	..	..	..	..	..	..	..
11. Carwarp	80	18 4	45	9 0	..	..	..	..	..	..	..	..	..	..	..	..
12. Chelsea-Frankston	157,652	5 0	133,305	2 4	3,391	16 6	..	..	..	..	..	..	..	..	..	..
13. Chillingollah	206	14 9	216	7 5	4	12 8	..	..	14	5 4	..	..	..	..	..	..
14. Cobden	8,649	7 9	8,503	16 9	136	8 9	..	..	..	..	..	..	..	..	..	..
15. Cohuna .. .. .	..	..	1,877	14 2*	..	..	..	..	1,912	1 5	(A) 630	18 8	..	..	..	..
16. Cranbourne	4,116	5 1	3,992	18 3	95	16 8	..	..	..	..	(A) 9	16 0	..	..	2,303	16 0
17. Culgoa	905	2 0	729	16 8	13	4 5	..	..	162	0 11	(A) 9	16 0	..	..	674	13 5
18. Dandenong-Springvale	53,052	10 8	51,835	6 4	1,582	1 1	..	..	364	16 9	(A) 92	2 6	..	..	75,026	2 2
19. Dimboola	6,873	4 6	5,985	13 4	59	14 7	..	..	827	16 7	(B) 5	10 0	..	..	2,411	10 4
20. Dromana-Portsea	111,657	2 5	106,733	18 8	3,253	11 5	..	..	1,669	12 4	(A) 695	19 9	..	..	29,152	9 2
21. Drysdale	4,107	7 10	2,866	18 1	83	1 7	..	..	1,157	8 2	(B) 52	1 0	..	..	3,285	5 3
22. Eildon	6,341	1 2	6,529	18 9	182	10 0	..	..	371	7 7	(A) 7	19 7	..	..	2,645	4 11
23. Garfield	1,540	4 5	1,585	18 7	40	16 2	..	..	86	10 4	..	..	..	..	1,640	12 8
24. Gunbower	1,348	13 5	727	14 5	17	10 1	..	..	603	8 11	..	..	..	..	610	14 8
25. Hastings	5,951	6 1	5,203	13 3	129	5 6	618	7 4	(A) 8	15 0	..	168	0 11	1,009	12 4
26. Heyfield	8,562	7 9	7,641	9 6	107	10 0	..	..	813	8 3	(B) 214	13 8	..	..	1,006	19 6
27. Hopetoun	4,661	13 6	3,867	5 7	56	16 2	..	..	737	11 9	(A) 2	12 11	..	..	1,794	19 4
28. Jeparit	2,947	8 5	2,410	15 2	37	13 8	..	..	498	19 7	(B) 1	0 0	..	..	..	..
29. Koondrook	2,818	9 3	1,946	10 11	871	18 4	(B) 600	7 6	..	2,041	0 3	1,974	11 0
30. Lalbert	586	3 10	638	12 3	0	6 9	..	..	52	15 2	(A) 1	0 0	..	..	..	..
31. Leitchville	1,332	8 6	1,250	3 7	17	17 7	..	..	64	7 4	(B) 1	4 9	..	..	824	1 9
32. Leopold	1,989	11 8	1,002	8 11	20	15 7	..	..	966	7 2	..	..	..	..	1,269	2 3
33. Lockington	1,001	7 2	1,072	6 10	18	16 0	..	..	89	15 8	..	..	..	..	1,243	6 5

URBAN DISTRICTS—PROFIT AND LOSS ACCOUNTS—continued.

District.	Net Revenue Assessment.		Expenditure.		Profit and Loss.		Appropriation.			
	2.	3.	4.	5.	6.	7.	Accumulated.			
							Interest and Other Losses before 1st July, 1938, Borne by State (Act No. 6413, Sec. 54).	Loss since 30th June, 1938.	Gain as at 30th June, 1962.	
1.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	10.	
34. Longwarry ..	3,229 19 4	3,158 9 1	88 19 1	17 8 10	..	(A) 1 3 4	..	..	1,877 16 9
35. Manangatang ..	1,415 17 1	1,565 2 1	4 6 6	153 11 6	..	(A) 56 15 2	..	3,949 2 10	..	
36. Merbein ..	7,317 13 10	5,988 17 1	80 8 5	..	1,248 8 4	(A) 5 1 8	510 10 1	..	6,532 4 1	
37. Minyip ..	3,203 9 11	2,781 0 7	31 6 1	..	391 3 10	(A) 9 1 8	..	186 16 6	..	
38. Mitiamo ..	614 6 10	593 18 7	..	..	20 8 3	..	..	2,260 0 8	..
39. Mornington ..	41,870 14 1	39,330 14 6	1,215 14 0	363 6 8	1,324 5 7	(A) 126 13 7	..	..	9,420 6 10
40. Natimuk ..	1,389 7 7	1,738 14 6	13 19 9	86 13 9	..	(A) 4 10 0	..	577 7 3	..	
41. Nyah West ..	2,070 2 0	2,135 7 8	21 8 1	..	..	(A) 15 6 11	..	156 5 6	..
42. Officer ..	1,823 7 10	1,329 18 3	43 10 9	..	..	..	..	1,182 18 4	..
43. Ouyen ..	6,870 14 2	6,635 7 5	37 17 5	..	232 13 4	(A) 89 2 4	..	..	617 2 5
44. Pakenham ..	6,794 12 6	6,374 4 10	187 14 4	..	161 4 11	..	..	1,430 11 9	6,431 18 5
45. Piangil ..	892 1 6	730 16 7	..	..	31 11 2	(A) 1 6 8	..	126 6 6	..
46. Pimpinio ..	263 18 2	232 7 0	..	..	..	..	..	..	..
47. Portarlington ..	8,571 5 8	5,812 11 0	134 11 0	..	2,624 3 8	(B) 160 8 3	1,724 12 7	..	2,558 10 2	
48. Pyramid Hill ..	1,709 3 3	1,407 19 5	28 3 4	..	273 0 6	(A) 2 1 9	..	..	2,281 0 3
49. Quambatook ..	1,883 18 4	1,382 19 4	11 1 7	..	489 17 5	..	..	..	162 16 1
50. Queenscliff-Point Lonsdale ..	14,265 13 6	13,573 14 8	398 13 10	..	293 5 0	(B) 1,013 9 4	..	..	8,513 9 7
51. Rainbow ..	3,000 2 3	2,986 6 2	36 16 5	23 0 4	..	..	..	..	3,467 14 2
52. Red Cliffs ..	10,477 15 8	9,915 17 3	218 0 3	..	343 18 2	(A) 16 3 4	..	..	7,004 0 3
53. Robinvale ..	4,311 15 9	3,824 13 9	58 6 2	..	428 15 10	(B) 0 8 4	..	..	3,568 1 6
54. Rupanyup ..	2,478 8 3	2,335 9 10	37 15 9	..	105 2 8	..	..	..	1,189 15 5
55. Sea Lake ..	3,672 6 7	3,197 4 3	52 10 3	..	422 12 1	(A) 28 3 4	..	..	1,314 6 2
56. Somerville ..	2,036 2 0	2,003 10 0	60 17 10	28 5 10	..	..	..	..	953 14 7
57. South Frankston ..	48,913 6 6	26,918 1 3	953 10 9	..	21,041 14 6	(A) 33 16 1	..	..	35,856 10 2
58. Stanhope ..	1,442 5 2	1,447 6 3	37 1 2	42 2 3	..	..	..	..	3,117 8 0
59. Tallygaroopna ..	527 14 10	433 18 5	10 5 2	..	83 11 3	..	..	..	1,055 5 2
60. Terang ..	10,269 12 4	10,890 5 1	150 4 6	770 17 3	..	(A) 0 7 9	..	..	2,375 15 5
61. Torquay ..	8,184 14 8	6,938 8 3	231 18 2	..	1,014 8 3	(B) 614 0 0	1,755 7 7	..	7,911 4 3	
62. Tyabb ..	2,366 14 11	1,650 6 10	58 0 7	..	658 7 6	(A) 8 17 0	..	..	1,152 18 1
63. Ultima ..	897 15 4	960 7 10	0 0 11	62 13 5	..	(A) 1 0 0	..	2,764 15 0	..	
64. Woomelang ..	1,400 15 4	1,427 5 1	23 12 4	50 2 1	..	..	805 1 5	..	701 1 9
65. Wycheproof ..	4,194 3 11	3,544 4 9	69 19 5	..	579 19 9	(A) 21 6 8	..	..	1,047 1 9
Totals ..	668,715 10 10	585,486 8 11*	14,977 9 5	5,089 19 0	73,341 11 6	(B) 738 1 7	23,776 15 0	21,786 3 9	302,547 19 1	

URBAN DISTRICTS—PROFIT AND LOSS ACCOUNTS—continued.

District.	1.	Net Revenue Assessment.		Expenditure.		Profit and Loss.		Appropriation.														
		2.	3.	4.	5.	6.	7.	Accumulated.														
								Interest and Other Losses before 1st July, 1938, Borne by State (Act No. 6413, Sec. 54).	Loss since 30th June, 1938.	Gain as at 30th June, 1962.												
The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure chargeable to the State Account". (By authority of Order in Council dated 5th December, 1961, under the provisions of Section 47, <i>Water Act</i> 1958, No. 6413.)																						
66. Allansford	..	4,441	6	6	5,424	14	2	60	16	2	1,044	3	10	..	..	1,175	2	10	..	..
67. Antwerp	..	132	16	2	159	1	0	0	13	6	26	18	4	..	..	79	6	2	..	..
68. Berrivillock	..	826	1	3	775	8	10	7	11	5	..	..	..	43	1	0	..	..	..	..
69. Brim	545	0	5	910	16	0	0	18	7	366	14	2	..	..	..	..	..	..	..
70. Chinkapook	..	277	16	5	366	9	6	..	..	..	88	13	1	..	..	..	..	..	..	..
71. Corop	..	53	19	9	88	5	7	..	..	..	34	5	10	..	..	..	..	..	..	..
72. Dungee	..	250	5	4	283	10	0	..	..	..	33	4	8	..	..	..	..	..	..	..
73. Doonen	..	100	11	6	84	14	3	1	14	11	..	..	..	14	2	4	..	..	..	..
74. Jung Jung	..	479	17	5	795	9	11	0	0	1	315	12	7	..	..	..	..	..	..	..
75. Lake Boga	..	1,369	1	3	1,457	0	1	0	4	9	88	3	7	..	..	..	..	..	..	..
76. Lascelles	..	562	16	7	692	0	4	0	1	2	129	4	11	..	..	..	..	..	..	..
77. Macorna	..	193	10	8	206	0	11	..	..	..	12	10	3	..	..	..	..	..	..	..
78. Marnoo	..	738	2	0	707	0	0	6	5	2	..	..	..	24	16	10	..	..	..	..
79. Meringur	..	192	13	3	130	7	2	0	0	3	..	..	..	62	5	10	..	..	..	..
80. Murrabit	..	217	14	9	649	5	6	..	..	..	431	10	9	..	..	..	..	..	..	..
81. Nandaly	..	284	13	1	297	14	3	0	0	2	13	1	4	..	..	..	..	..	..	..
82. Nar Nar Goon-Tynong	..	1,433	13	4	1,295	10	9	..	..	..	..	..	..	138	2	7	..	..	..	..
83. Newstead	..	1,750	18	7	3,415	9	3	4	11	1	1,669	1	9	..	..	..	..	..	..	..
84. Nullawil	..	312	5	8	320	14	2	0	15	10	9	4	4	..	..	..	..	..	..	..
85. Nyah	..	846	16	4	922	9	3	..	..	..	75	12	11	..	..	..	..	..	..	..
86. Patchewollock	..	614	17	1	746	10	10	0	0	1	131	13	10	..	..	..	..	..	..	..
87. Speed	..	408	10	5	832	1	9	0	0	1	423	11	5	..	..	..	..	..	..	..
88. Tempy	..	276	8	2	762	1	2	0	0	11	485	13	11	..	..	..	..	..	..	..
89. Waitchie	..	119	11	8	87	15	3	..	..	..	..	..	..	31	16	5	..	..	..	..
90. Walpeup	..	457	11	6	758	18	7	0	1	6	301	8	7	..	..	..	..	..	..	..
91. Watchem	..	805	0	2	771	8	3	0	8	0	..	..	..	33	3	11	..	..	..	..
92. Werrimull	..	621	11	7	393	9	8	0	0	3	..	..	..	228	1	8	..	..	..	..
93. Wonthaggi	..	16,934	14	3	15,796	13	2	267	0	8	871	0	5	..	..	..	..	..	..	..
94. Woornen	..	745	9	0	777	8	0	1	10	9	33	9	9	..	..	..	..	..	..	..
95. Yaaapeet	..	224	7	11	661	0	1	0	0	4	436	12	6	..	..	..	..	..	..	..
Totals	36,218	2	0	40,569	7	8	352	15	8	6,150	12	4	1,446	11	0	60,217	7	2	227	6	0
Grand Totals	704,933	12	10	626,055	16	7*	15,330	5	1	11,240	11	4	74,788	2	6	82,003	10	11	302,775	5	1

* Excess of Assets over Liabilities transferred to Cohuna Waterworks Trust, £1,877 14s. 2d.

CASH ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	Receipts.	Expenditure.				Excess Expenditure over Receipts 1961-62.	Excess Receipts over Expenditure 1961-62.	Accumulated.		
		Operating Costs.	Interest.	Depreciation.	Redemption.			Surplus Credited to District Account at 30th June, 1962.	Deficiency Chargeable to District Account at 30th June, 1962.	Deficiency Chargeable to State Account at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Cardinia ..	12,474 14 8	10,129 0 1	..	1,084 0 0	..	..	1,261 14 7	..	23,672 8 8	5,031 9 9
2. Kanyapella ..	112 7 4	96 0 6	..	..	..	..	16 6 10	558 7 4	..	..
3. Loch Garry ..	1,130 3 3	282 15 10	..	..	..	..	847 7 5	1,834 19 5	..	477 2 2
4. Lower Koo-wee-rup ..	29,465 5 3	22,441 9 5	..	2,027 0 0	..	..	4,996 15 10	..	42,432 9 6	11,973 9 9
Totals ..	43,182 10 6	32,949 5 10	..	3,111 0 0	..	..	7,122 4 8	2,393 6 9	66,104 18 2	17,482 1 8

FLOOD PROTECTION DISTRICTS.

DRAINAGE DISTRICT.

1. Carrum ..	20,343 3 4	13,954 12 0	3,905 15 11	703 0 0	325 19 4	..	1,453 16 1	18,018 9 4
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PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1961-62.

District.	Net Revenue Assessment.	Expenditure.		Profit and Loss.		Appropriation.			
		Operating Costs, Interest, and Depreciation.	Redemption Charged.	Excess Expenditure over Revenue 1961-62.		Adjustments to Revenue of Former Years Including Amounts Written Off. (A) Loss. (B) Gain.	Accumulated.		
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Interest and Other Losses before 1st July, 1938, Borne by State (Act No. 6413, Sec. 54).	Loss since 30th June, 1938.	Gain as at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
FLOOD PROTECTION DISTRICTS.									
1. Cardinia	12,270 1 5	11,588 0 1	..	..	682 1 4	..	3,303 19 2	19,294 9 7	..
2. Kanyapella	121 4 1	96 0 6	..	..	25 3 7	..	..	..	610 3 2
3. Loch Garry	1,052 18 3	282 15 10	..	..	770 2 5	..	..	..	1,437 18 5
4. Lower Koo-wee-rup	29,638 4 4	25,323 9 5	..	..	4,314 14 11	(A) 5 4 4	7,949 1 8	33,082 18 1	..
Totals	43,082 8 1	37,290 5 10	..	..	5,792 2 3	(A) 5 4 4	11,253 0 10	52,377 7 8	2,048 1 7
DRAINAGE DISTRICT.									
1. Carrum	21,132 19 5	18,563 7 11	325 19 4	..	2,243 12 2	(A) 9 0 11	..	..	20,936 2 11

SUMMARY OF CASH ACCOUNTS, 1961-62.

Districts.	1.	Receipts.	Expenditure.				O.I.C. Subsidy Charged to Expenditure Borne by State Account.	Result of Operations, 1961-62.		Amount Transferred to Irrigation Districts Maintenance Equalization and Renewals Account.	Accumulated to 30th June, 1962.		
			Operating Costs.	Interest.	Depreciation.	Redemption.		Deficiency.	Surplus.		Surplus Credited to District Account.	Deficiency Charged to District Account.	Deficiency Charged to State Account.
		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Plant Workshops	..	40,761 11 8	38,840 7 8	564 13 8	2,672 0 0	..	..	2,179 15 10	864 6 2	..	..	18,336 9 9	..
Coliban	..	200,657 0 5	189,422 8 11	13,581 2 11	25,871 0 0	..	..	28,217 11 5	..	..	..	55,091 5 5	1,335,989 0 7
Irrigation—													
Pumping	..	364,674 2 4	384,405 11 5	..	..	..	35,483 13 11	294 4 10	16,046 9 8	..	8,330 9 0	21,339 18 8	800,871 7 0
Gravitation	..	1,450,049 10 1	1,255,937 7 5	5,700 0 0	..	475 0 0	..	..	187,937 2 8	16,154 9 7	50,671 3 5	..	795,151 3 0
Waterworks	..	485,841 11 7	628,152 10 2	26,508 3 1	29,331 0 0	..	..	202,083 16 1	3,933 14 5	..	58,244 19 6	556,127 9 3	4,224,261 5 5
Urban	..	698,354 17 2	327,167 15 0*	189,384 1 7	109,504 0 0	24,060 10 10	..	17,373 16 6	55,612 6 3	..	208,376 19 6	27,918 0 2	124,973 15 5
Flood Protection	..	43,182 10 6	32,949 5 10	..	3,111 0 0	..	..	..	7,122 4 8	..	2,393 6 9	66,104 18 2	17,482 1 8
Drainage	..	20,343 3 4	13,954 12 0	3,905 15 11	703 0 0	325 19 4	..	..	1,453 16 1	..	18,018 9 4	..	..
Totals	..	3,293,864 7 1	2,870,829 18 5*	239,643 17 2	171,192 0 0	24,861 10 2	35,483 13 11	250,149 4 8	272,969 19 11	16,154 9 7	346,035 7 6	744,918 1 5	7,298,728 13 1

* Includes £1,877 14s. 2d. Surplus of Assets over Liabilities transferred to Cohuna Waterworks Trust.

SUMMARY OF PROFIT AND LOSS ACCOUNTS, 1961-62.

District.	Expenditure.				Result of Operations, 1961-62.				Appropriation.											
	Net Revenue Assessment.		Redemption Charged.		O.I.C. Subsidy Chargeable to Expenditure Borne by State Account.		Loss.		Gain.		Amount Transferred to Irrigation Districts Maintenance Equalization and Renewals Account.		Adjustments to Revenue of Former Years (A) Loss. (B) Gain.		Losses Borne by State Account.		Losses Borne by District Account.		Gains Credited to District Account.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
1.		2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.								
Plant Workshops	48,356 11 10	42,077 1 4	48 12 11	..	83 14 6	6,314 12 1	..	..	..	421 18 8	2,839 12 8					
Coliban	217,757 8 7	228,874 11 10	733 1 10	..	11,850 5 1	..	..	(A) 101 16 8	828,373 18 10	536,850 11 8	..						
Irrigation--																				
Pumping	362,999 10 5	384,405 11 5	..	35,483 13 11	1,345 9 2	15,423 2 1	..	(A) 169 5 1	800,871 7 0	1,380 8 5	12,722 13 10								
Gravitation	1,540,538 14 9	1,291,697 7 5	475 0 0	..	..	278,426 7 4	16,154 9 7	(A) 1,607 8 1	795,151 3 0	..	373,969 8 9						
Waterworks	485,104 3 1	683,991 13 3	2,050 18 1	..	208,985 12 5	8,047 4 2	..	(A) 4,614 12 10	677,688 8 2	4,075,395 19 1	63,490 18 10								
Urban	704,933 12 10	626,055 16 7*	15,330 5 1	..	11,240 11 4	74,788 2 6	..	(B) 557 10 10	27,012 15 2	82,003 10 11	392,775 5 1								
Flood Protection	43,082 8 1	37,290 5 10	..	..	..	5,792 2 3	..	(A) 5 4 4	11,253 0 10	52,377 7 8	2,048 1 7					
Drainage	21,132 19 5	18,563 7 11	325 19 4	..	..	2,243 12 2	..	(A) 9 0 11	..	..	20,936 2 11				
Totals	3,423,905 9 0	3,252,895 15 7*	18,963 17 3	35,483 13 11	233,505 12 6	391,035 2 7	16,154 9 7	(A) 5,949 17 1	3,140,350 13 0	4,748,429 16 5	778,782 3 8								

* Includes £1,877 14s. 2d. Surplus of Assets over Liabilities transferred to Cohuna Waterworks Trust.

BALANCE-SHEETS AS AT 30TH JUNE, 1962.

District.	Liabilities.						Assets.					
	Capital. See page 87 (Capital Accounts) for details. 2.	Redemption Account. 3.	Depreciation Reserve Account. 4.	Sundry Creditors. 5.	Cash Account. Accumulated Deficiency. 6.	Profit and Loss Account. Gain. 7.	Works at Cost. 8.	Depreciation. Account. 9.	Sundry Debtors. 10.	Cash Account. Accumulated Surplus. 11.	Profit and Loss Account. Loss. 12.	
1.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
PLANT WORKSHOPS.												
1. Bendigo ..	252,004 7 9	651 12 0	29,882 15 9	..	17,926 15 6	2,839 12 8	252,611 17 11	29,882 15 9	20,810 10 0	..	..
2. Kerang Sub-Depot	17,343 11 3	40 19 9	1,896 19 7	..	336 11 5	..	17,372 6 7	1,896 19 7	..	..	348 15 10
3. Tatura Sub-Depot	2,595 18 1	..	262 16 5	..	73 2 10	..	2,595 18 1	262 16 5	..	..	73 2 10
Totals ..	271,943 17 1	692 11 9	32,042 11 9	..	18,336 9 9	2,839 12 8	272,580 2 7	32,042 11 9	20,810 10 0	..	421 18 8	
				£325,855 3s. 0d.				£325,855 3s. 0d.				

PLANT WORKSHOPS.

COLIBAN SYSTEM.

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where the 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 Order in Council dated 5th December, 1961, under the provisions of Section 47, *Water Act* 1958, No. 6413.)

1. Axe Creek	..	5,154 13 0	..	18,738 12 3	98,967 7 0	749 19 5	232 18 6	15 16 8	18,987 7 5	4,097,222 3 2				..	178 15 10	..	6,269 2 2				
2. Coliban ..	..	4,062,382 13 4	..	18,738 12 3	98,967 7 0	749 19 5	232 18 6	15 16 8	18,987 7 5	4,097,222 3 2				..	45,088 4 8	..	1,347,173 4 4			
3. Elphinstone	..	6,922 8 9	..	..	98,967 7 0	749 19 5	232 18 6	15 16 8	18,987 7 5	4,097,222 3 2				..	5 4 0	..	283 18 1		
4. Harcourt	..	18,048 7 5	..	232 18 6	98,967 7 0	749 19 5	232 18 6	15 16 8	18,987 7 5	4,097,222 3 2				..	40 8 4	..	9,889 5 3				
5. Marong ..	..	4,714 0 8	..	15 16 8	1,107 19 10	0 2 0	0 2 0	0 2 0	1,107 19 10	4,729 10 0				..	168 6 0	..	1,609 0 8			
Totals	..	4,097,222 3 2	..	18,987 7 5	101,280 4 5	886 3 9	1,391,080 6 0	..	..	4,097,470 11 0				..	45,480 18 10	..	1,365,224 10 6		
														£5,609,456 4s. 9d.				£5,609,456 4s. 9d.			

IRRIGATION DISTRICTS.
BALANCE-SHEETS AS AT 30TH JUNE, 1962.

District.	Liabilities.						Assets.				
	Capital. See page 90 (Capital Accounts) for details.	Redemption Account.	Irrigation Districts Maintenance Equalization and Renewals Reserve Account.	Sundry Creditors.	Cash Account, Accumulated Deficiency.	Profit and Loss Account. Gain.	Works at Cost.	Irrigation Districts Maintenance Equalization and Renewals Account.	Sundry Debtors.	Cash Account, Accumulated Surplus.	Profit and Loss Account. Loss.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1. Bacchus Marsh ..	614,763 13 8	1,443 9 4	5,138 10 9	0 0 2	13,802 19 9	..	616,207 3 0	5,138 10 9	2,237 3 1	..	11,565 16 10
2. Campaspe ..	84,911 13 7	..	596 15 7	6 7 6	4,767 4 7	..	84,911 13 7	596 15 7	21 2 3	..	4,752 9 10
3. Goulburn-Murray	56,984,726 10 0	22,179 13 5	24,782 13 4	803 5 4	694,345 1 3	..	57,006,906 3 5	24,782 13 4	293,133 7 11	..	402,014 18 8
4. Macalister ..	6,132,772 0 3	2,447 15 0	18,932 5 2	139 6 3	..	44,281 19 7	6,135,219 15 3	18,932 5 2	25,700 1 6	18,721 4 4	..
5. Merbein ..	562,695 7 10	..	771 19 4	9 15 1	126,058 16 1	..	562,695 7 10	771 19 4	3,338 13 10	..	122,729 17 4
6. Nyah ..	317,749 1 10	54 19 10	711 4 5	89 16 7	121,967 7 8	..	317,804 1 8	711 4 5	13,820 12 11	..	108,236 11 4
7. Red Cliffs ..	1,276,630 15 6	..	3,826 5 7	31 1 10	269,060 1 1	..	1,276,630 15 6	3,826 5 7	315 12 0	..	268,775 10 11
8. Robinvale ..	1,460,088 4 11	..	7,834 2 11	163 14 3	119,260 0 10	..	1,460,088 4 11	7,834 2 11	1,984 7 5	..	117,439 7 8
9. Tresco ..	204,827 3 5	..	323 10 1	31 10 0	177,534 11 0	..	204,827 3 5	323 10 1	5,218 6 8	..	172,347 14 4
10. Werribee ..	427,453 14 1	1,491 5 10	7,535 18 5	2 5 8	50,285 18 4	..	428,944 19 11	7,535 18 5	3,157 15 6	..	47,130 8 6
Totals ..	68,066,618 5 1	27,617 3 5	70,453 5 7	1,277 2 8	1,577,082 0 7	44,281 19 7	68,094,235 8 6	70,453 5 7	348,927 3 1	18,721 4 4	1,254,992 15 5
	£69,787,329 16s. 11d.						£69,787,329 16s. 11d.				

WATERWORKS DISTRICTS.

BALANCE-SHEETS AS AT 30TH JUNE, 1962.

District.	Liabilities.						Assets.					
	Capital. See page 90 (Capital Accounts) for details.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Cash Account. Accumulated Deficiency.	Profit and Loss Account. Gain.	Works at Cost.	Depreciation. Account.	Sundry Debtors.	Cash Account. Accumulated Surplus.	Profit and Loss Account. Loss.	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
1. Bellarine-Peninsula	82,052 18 6	3,801 8 10	Cr. 11,704 9 6	23 18 9	61,995 14 7	...	85,854 7 4	Cr. 11,704 9 6	3,594 10 4	...	58,425 3 0	
2. East Loddon ..	5,055 4 9	3,281 9 1	412 2 11	3 6 6	...	2,498 17 3	8,336 13 10	412 2 11	288 0 0	2,214 3 9	...	
3. Loddon ..	8,496 6 1	4,320 17 6	153 13 8	...	429 16 7	...	12,817 3 7	153 13 8	99 4 4	...	330 12 3	
4. Mornington Peninsula	603,135 16 9	11,338 5 10	46,918 1 9	232 17 1	...	58,003 13 9	611,824 7 1	46,918 1 9	11,242 4 9	49,644 1 7	...	
5. Upper Wimmera	825,796 4 7	1,416 17 2	651 11 1	103 12 4	86,418 13 2	...	827,213 1 9	651 11 1	1,408 12 0	...	85,113 13 6	
6. West Loddon ..	17,221 10 5	3,764 7 3	1,108 2 9	39 10 8	...	579 17 1	20,985 17 8	1,108 2 9	2 12 8	616 15 1	...	
7. Wimmera ..	1,987,835 8 0	1,246 7 4	23,306 2 9	230 12 9	90,456 9 10	...	1,989,081 15 4	23,306 2 9	8,398 16 2	...	82,288 6 5	
Totals ..	3,529,593 9 1	29,169 13 0	60,845 5 5	633 18 1	239,300 14 2	61,082 8 1	3,556,113 6 7	60,845 5 5	25,034 0 3	52,475 0 5	226,157 15 2	
The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure chargeable to the State Account". (By authority of Order in Council dated 5th December, 1961, under the provisions of Section 47, <i>Water Act</i> 1958, No. 6413.)												
8. Kerang - North-West Lakes	6,760 10 1	...	226 8 5	17 15 1	2,072 8 9	499 8 1	6,760 10 1	226 8 5	2,589 11 11	...	...
9. Mallee ..	1,839,238 6 9	1,144 3 0	5,403 16 10	33 4 3	834,781 11 4	...	1,840,382 9 9	5,403 16 10	1,955 10 8	...	832,859 4 11	
10. Millewa ..	736,932 6 6	...	67,635 7 2	1,541 13 5	1,359,451 2 1	...	736,932 6 6	67,635 7 2	1,789 10 1	...	1,359,203 5 5	
11. Normanville ..	59,375 14 6	222 1 11	5,103 19 10	10 12 9	8,515 9 0	...	59,597 16 5	5,103 19 10	106 18 1	...	8,419 3 8	
12. Northern Mallee	2,250,166 18 6	...	14,391 10 3	63 11 8	2,009,151 9 3	...	2,250,166 18 6	14,391 10 3	8,187 2 8	...	2,001,027 18 3	
13. Otway ..	477,404 12 3	8,753 12 7	72,133 10 0	47 1 8	36,501 9 11	...	482,620 2 6	72,133 10 0	1,157 6 4	...	38,929 7 7	
14. Tyntynder North	236,990 10 5	...	1,895 4 10	843 14 7	281,099 16 7	...	236,990 10 5	1,895 4 10	1,117 11 8	...	280,825 19 6	
15. Werribee ..	12,830 10 0	82 12 10	18 17 6	7 15 7	3,744 14 6	...	12,913 2 10	18 17 6	...	...	3,752 10 1
Totals ..	5,619,699 9 0	10,202 10 4	166,808 14 10	2,565 9 0	4,535,318 1 5	499 8 1	5,626,363 17 0	166,808 14 10	16,903 11 5	...	4,525,017 9 5	
(Grand Totals	9,149,292 18 1	39,372 3 4	227,654 0 3	3,199 7 1	4,774,618 15 7	61,581 16 2	9,182,477 3 7	227,654 0 3	41,937 11 8	52,475 0 5	4,751,175 4 7	
						£14,255,719 Os. 6d.						£14,255,719 Os. 6d.

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure chargeable to the State Account". (By authority of Order in Council dated 5th December, 1961, under the provisions of Section 47, *Water Act* 1958, No. 6413.)

37. Manangatang	11,424	17	4	159	0	3	307	6	11	1	11	4	4,168	5	5	6,021	14	0	11,519	0	1	307	6	11	285	11	5	3,949	2	10			
38. Merbein	31,515	5	1	827	14	2	5,490	9	11	4	16	0	424	16	7	..	..	..	32,342	19	3	5,490	9	11	1,780	4	8	..	..	..
39. Minyip	14,294	17	3	455	18	10	785	15	11	72	7	0	424	16	7	..	..	..	14,750	16	1	785	15	11	310	7	1	186	16	6
40. Mitiamo	4,557	6	6	2,982	17	4	286	8	1	1	12	7	2,323	2	2	..	..	..	7,540	3	10	286	8	1	64	14	1	2,260	0	8
41. Mornington	792,348	0	3	8,689	6	8	27,665	0	11	6	3	4	..	..	..	9,420	6	10	800,192	1	4	27,665	0	11	7,984	6	11	..	..	..
42. Narre Warren	20,706	3	3	..	..	..	..	..	..	..	..	..	1,209	2	8	..	..	..	20,706	3	3	1,474	4	11	..	..	..	..	..	..
43. Natimuk	5,642	17	10	280	3	7	1,474	4	11	..	..	..	727	8	4	..	..	..	5,909	1	8	1,474	4	11	645	15	2	577	7	3
44. Nyah West	9,112	5	1	146	3	6	2,165	8	11	4	4	8	..	..	..	617	2	5	9,202	2	7	2,165	8	11	631	13	6	156	5	6
45. Officer	33,853	0	9	57	16	2	432	4	6	7	10	6	..	..	..	..	..	..	33,910	16	11	432	4	6	205	8	3	..	..	..
46. Ouyen	58,544	8	8	224	19	9	3,018	3	2	22	10	6	3,492	3	6	..	..	..	58,731	11	0	3,018	3	2	2,369	13	1	1,182	18	4
47. Pakenham	105,441	9	6	1,391	1	5	2,830	13	4	..	..	..	..	..	..	6,431	18	5	106,295	17	4	2,830	13	4	980	3	3	5,988	8	9
48. Piangil	8,859	13	7	..	..	..	927	7	1	..	..	..	1,971	10	8	..	..	..	8,859	13	7	927	7	1	540	18	11	1,430	11	9
49. Pimpino	7,235	2	11	..	..	..	276	11	3	..	..	..	221	9	2	..	..	..	7,235	2	11	276	11	3	95	2	8	126	6	6
50. Portarlington	88,200	6	2	264	18	5	9,116	7	10	47	16	4	1,639	8	5	..	..	..	88,465	4	7	9,116	7	10	2,521	2	4	..	..	..
51. Pyramid Hill	12,345	13	8	305	17	4	1,433	5	5	6	11	3	..	..	..	2,281	0	3	12,651	11	0	1,433	5	5	206	12	9	..	..	..
52. Quambatook	8,390	6	9	44	17	8	71	13	1	1	10	0	89	10	9	162	16	1	8,435	4	5	71	13	1	253	16	10	..	..	..
53. Queenscliff - Point Lonsdale	166,418	6	3	2,647	16	11	11,005	3	11	17	11	6	..	..	..	8,513	9	7	168,443	5	10	11,005	3	11	3,535	11	0	..	..	..
54. Rainbow	16,362	11	7	626	7	3	2,010	0	11	0	3	10	..	..	..	3,467	14	2	16,952	2	5	2,010	0	11	1,013	18	10	..	..	..
55. Red Cliffs	86,823	10	7	1,302	12	0	4,429	13	1	41	10	11	..	..	..	7,004	0	3	87,908	2	4	4,429	13	1	2,028	8	0	..	..	..
56. Robinvale	32,485	1	7	333	8	0	2,329	8	6	0	1	6	..	..	..	3,568	1	6	32,818	9	7	2,329	8	6	1,589	11	9	..	..	..
57. Rupanyup	16,363	3	7	472	8	2	1,322	13	6	0	13	0	..	..	..	1,189	15	5	16,835	11	9	1,322	13	6	207	14	10	..	..	..
58. Sea Lake	47,983	16	7	296	17	8	1,468	10	2	7	16	7	..	..	..	1,314	6	2	48,280	14	3	1,468	10	2	650	8	7	..	..	..
59. Somerville	32,361	9	1	515	7	1	2,640	0	10	..	..	..	..	..	..	953	14	7	32,805	12	4	2,640	0	10	178	19	7	..	..	..
60. South Frankston	599,678	14	2	4,832	14	8	17,173	18	5	18	6	6	..	..	..	35,856	10	2	604,511	18	10	17,173	18	5	10,849	18	3	..	..	..
61. Stanhope	15,432	2	3	180	11	6	2,271	0	3	11	7	0	..	..	..	3,117	8	0	15,612	13	9	2,271	0	3	85	13	3	..	..	..
62. Tollygaroopna	4,058	15	1	44	13	1	568	3	1	..	..	..	1,055	5	2	..	..	..	4,103	8	2	568	3	1	86	10	9	..	..	..
63. Terang	68,127	14	4	2,491	12	4	15,961	17	2	1	0	0	..	..	..	2,375	15	5	70,469	2	2	15,961	17	2	942	15	9	..	..	..
64. Torquay	94,417	0	11	1,138	12	5	4,519	15	2	2	11	0	..	..	..	6,155	16	8	95,555	13	4	4,519	15	2	1,760	2	9	..	..	..
65. Tyabb	36,637	2	6	83	18	4	677	5	0	..	..	..	..	..	..	1,152	18	1	36,721	0	10	677	5	0	173	8	1	..	..	..
66. Ultima	12,041	18	6	168	2	11	662	10	0	4	0	6	3,580	19	3	..	..	..	12,042	11	8	662	10	0	820	7	6	2,764	15	0
67. Woomeelang	10,193	16	5	..	..	..	1,336	8	8	0	4	0	409	5	6	..	..	..	10,307	11	6	1,336	8	8	359	17	8	103	19	8
68. Wycheproof	31,624	16	3	375	12	11	3,516	11	8	3	5	6	..	..	..	1,047	1	9	32,000	9	2	3,516	11	8	506	1	4	..	..	..
Totals	9,516,003	17	8	118,782	11	10	522,613	16	7	639	14	3	40,570	16	3	280,778	6	3	9,624,948	0	11	522,613	16	7	136,526	1	9	171,507	17	8	23,793	5	11

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure chargeable to the State Account". (By authority of Order in Council dated 5th December, 1961, under the provisions of Section 47, *Water Act* 1958, No. 6413.)

69. Allansford	37,917	7	6	173	11	4	1,848	14	2	0	2	6	1,466	16	7	..	..	..	38,090	18	10	1,848	14	2	291	16	3	1,175	2	10
70. Antwerp	7,112	13	2	23	14	2	159	12	3	..	..	..	122	7	1	..	..	..	735	6	4	159	12	3	44	1	11	79	6	2
71. Berriwillock	8,315	8	1	39	10	10	399	12	5	0	0	6	400	0	3	..	..	..	8,347	7	6	399	12	5	193	4	11	214	7	3
72. Brim	12,846	9	4	55	16	2	311	19	9	..	..	..	3,617	8	1	..	..	..	12,886	9	3	311	19	9	185	10	7	3,447	13	9
73. Chinkapook	3,564	6	6	..	..	..	171	8	11	0	5	6	2,130	19	7	..	..	..	3,564	6	6	171	8	11	219	5	1	1,912	0	0
74. Copop	375	16	10	..	..	..	246	2	11	..	..	..	181	15	1	..	..	..	375	16	10	246	2	11	128	18	10	52	16	3
75. Dingee	1,865	9	0	..	..	..	743	6	8	0	0	9	972	7	6	..	..	..	1,865	9	0	743	6	8	0	1	8	972	6	7
76. Doon	685	14	7	14	7	9	472	4	10	..	..	..	157	16	11	..	..	..	698	7	5	472	4	10	47	6	6	112	5	4
77. Jung Jung	7,358	11	6	0	0	5	794	9	7	..	..	..	5,369	13	7	..	..	..	7,358	11	6	794	9	7	205	1	5	5,164	12	7
78. Lake Boga	7,734	5	4	4	3	2	1,893	6	11	8	0	0	6,618	18	0	..	..	..	7,734	5	1	1,893	6	11	228	9	8	6,402	11	6
79. Lascelles	5,529	9	4	6	5	9	320	18	5	..	..	..	1,721	16	0	..	..	..	5,535	10	9	320	18	5	428	15	4	1,293	5	0
80. Macorna	2,423	13	5	..	..	..	422	0	7	..	..	..	546	12	10	..	..	..	2,423	13	5	422	0	7	14	2	8	532	10	2
81. Marnoo	4,300	2	5	143	4	7	1,803	5	0	1	0	0	..	..	..	154	15	10	4,430	4	5	1,803	5	0	105	9	3	63	9	2
82. Meringur	4,568	0	1	0	1	4	425	13	8	..	..	..	2,440	17	8	..	..	..	4,568	1	5	425	13	8	646	15	0	1,794	2	8
83. Murrabit	1,352	0	8	..	..	..	711	12	1	..	..	..	4,698	10	7	..	..	..	1,352	0	8	711	12	1	26	3	3	4,672	7	4
84. Nandaly	2,661	6	1	0	0	10	343	8	3	..	..	..	877	11	3	..	..	..	2,661	6	9	343	8	3	95	12	11	781	18	6

The Districts set out hereunder are those whose works will not produce sufficient revenue to cover the expense of maintenance and management thereof, and where water supplies are being continued by direction of the Governor in Council. The annual amount of loss resulting from the maintenance and management of these districts has been transferred to the "Revenue Expenditure chargeable to the State Account". (By authority of Order in Council dated 5th December, 1961, under the provisions of Section 47, *Water Act* 1958, No. 6413.)

69. Allansford	37,917	7	6	173	11	4	1,848	14	2	0	2	6	1,466	16	7	..	..	..	38,090	18	10	1,848	14	2	291	16	3	..	..	..	1,175	2	10
70. Antwerp	712	13	2	23	14	2	159	12	3	..	..	..	122	7	1	..	..	..	735	6	4	159	12	3	44	1	11	..	..	..	79	6	2
71. Berriwillook	8,315	8	1	39	10	10	399	12	5	0	0	6	400	0	3	..	..	..	8,347	7	6	399	12	5	193	4	11	..	..	..	214	7	3
72. Brim	12,846	9	4	55	16	2	311	19	9	..	..	..	3,617	8	1	..	..	..	12,886	9	3	311	19	9	185	10	7	..	..	..	3,447	13	9
73. Chinkapook	3,564	6	6	..	..	..	171	8	11	0	5	6	2,130	19	7	..	..	..	3,564	6	6	171	8	11	219	5	1	..	..	..	1,912	0	0
74. Corop	375	16	10	..	..	..	246	2	11	..	..	..	181	15	1	..	..	..	375	16	10	246	2	11	128	18	10	..	..	..	52	16	3
75. Dingle	1,865	9	0	..	..	..	743	6	8	..	..	..	972	7	6	..	..	..	1,865	9	0	743	6	8	0	1	8	..	..	..	972	6	7
76. Doon	685	14	7	14	7	9	472	4	10	..	..	..	157	16	11	..	..	..	698	7	5	472	4	10	47	6	6	..	..	..	112	5	4
77. Jung Jung	7,358	11	6	0	0	5	794	9	7	..	..	..	5,369	13	7	..	..	..	7,358	11	6	794	9	7	205	1	5	..	..	..	5,164	12	7
78. Lake Boga	7,734	5	1	0	4	3	1,893	6	11	8	0	0	6,618	18	0	..	..	..	7,734	5	1	1,893	6	11	228	9	8	..	..	..	6,402	11	6
79. Lascelles	5,529	9	4	6	5	9	320	18	5	..	..	..	1,721	16	0	..	..	..	5,535	10	9	320	18	5	428	15	4	..	..	..	1,293	5	0
80. Macorna	2,423	13	5	..	..	..	422	0	7	..	..	..	546	12	10	..	..	..	2,423	13	5	422	0	7	14	2	8	..	..	..	532	10	2
81. Marnoo	4,300	2	5	143	4	7	1,803	5	0	1	0	0	..	..	..	154	15	10	4,430	4	5	1,803	5	0	105	9	3	..	..	..	63	9	2
82. Meringur	4,568	0	1	0	1	4	425	13	8	..	..	..	2,440	17	8	..	..	..	4,568	0	1	425	13	8	646	15	0	..	..	..	1,794	2	8
83. Murrabit	1,382	0	8	..	..	..	711	12	1	..	..	..	4,698	10	7	..	..	..	1,382	0	8	711	12	1	26	3	3	..	..	..	4,672	7	4
84. Nandaly	2,661	6	1	..	..	..	343	8	3	..	..	..	877	11	3	..	..	..	2,661	6	1	343	8	3	95	12	11	..	..	..	781	18	6

BALANCE-SHEETS AS AT 30TH JUNE, 1962.

District.	Liabilities.						Assets.					
	Capital.	Redemption	Depreciation	Sundry Creditors.	Cash Account.	Profit and Loss	Works at Cost.	Depreciation	Sundry Debtors.	Cash Account.	Profit and Loss	
	See page 93 (Capital Accounts) for details. 2.	Account. 3.	Reserve Account. 4.	5.	Accumulated Deficiency. 6.	Account. Gain. 7.	8.	Account. 9.	10.	Accumulated Surplus. 11.	Account. Loss. 12.	
1.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
FLOOD PROTECTION DISTRICTS.												
1. Cardinia ..	127,368 4 7	..	2,904 17 7	1 1	28,703 18 5	..	127,368 4 7	2,904 17 7	6,105 10 9*	..	22,598 8 9	
2. Kanyapella ..	3,893 11 0	64 4 2	..	..	..	610 3 2	3,957 15 2	..	51 15 10	558 7 4	..
3. Loch Garry ..	20,406 12 9	5,959 3 9	..	5 8	..	1,437 18 5	26,365 16 6	..	80 6 10	1,357 17 3	..	
4. Lower Koo-wee-rup	693,597 1 11	..	5,444 14 5	2 5 11	54,405 19 3	..	693,597 1 11	5,444 14 5	13,376 5 5*	..	41,031 19 9	
Totals ..	845,265 10 3	6,023 7 11	8,349 12 0	2 12 8	83,109 17 8	2,048 1 7	851,288 18 2	8,349 12 0	19,613 18 10	1,916 4 7	63,630 8 6	
£944,799 2 1						£944,799 2 1						
DRAINAGE DISTRICT.												
1. Carrum ..	488,341 11 2	518 17 4	1,348 13 0	18 0 4	..	20,936 2 11	488,860 8 6	1,348 13 0	2,935 13 11	18,018 9 4	..	
£511,163 4 9						£511,163 4 9						

* Includes Capitalized Maintenance on Bridges—Cardinia £5,385; Koo-wee-rup £11,452

SUMMARY OF DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1962.

District.	Liabilities.						Assets.					
	Capital.	Redemption Account.	(A) Depreciation Reserve Account. (B) Irrigation Districts Maintenance Equalization and Renewals Reserve Account.	Sundry Creditors.	Cash Account. Accumulated Deficiency.	Profit and Loss Account Gain.	Works at Cost.	(A) Depreciation Account. (B) Irrigation Districts Maintenance Equalization and Renewals Account.	Sundry Debtors.	Cash Account. Accumulated Surplus.	Profit and Loss Account. Loss.	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
Plant Workshops	271,943 17 1	692 11 9	(A) 32,042 11 9	..	18,336 9 9	2,839 12 8	272,580 2 7	(A) 32,042 11 9	20,810 10 0	..	421 18 8	
Coliban	4,097,222 3 2	18,987 7 5	(A) 101,280 4 5	886 3 9	1,391,080 6 0	..	4,097,470 11 0	(A) 101,280 4 5	45,480 18 10	..	1,365,224 10 6	
Irrigation—												
Pumping	3,821,990 13 6	54 19 10	(B) 13,467 2 4	325 17 9	813,880 16 8	..	3,822,045 13 4	(B) 13,467 2 4	24,677 12 10	..	789,529 1 7	
Gravitation	64,244,627 11 7	27,562 3 7	(B) 56,986 3 3	951 4 11	763,201 3 11	44,281 19 7	64,272,189 15 2	(B) 56,986 3 3	324,249 10 3	18,721 4 4	465,463 13 10	
Waterworks	9,149,292 18 1	39,372 3 4	(A) 227,654 0 3	3,199 7 1	4,774,618 15 7	61,581 16 2	9,182,477 3 7	(A) 227,654 0 3	41,937 11 8	52,475 0 5	4,751,175 4 7	
Urban	9,868,185 7 3	121,793 19 11	(A) 559,359 3 7	682 2 0	116,086 2 11	280,975 9 7	9,979,965 14 8	(A) 559,359 3 7	148,969 9 7	171,571 6 10	87,216 10 7	
Flood Protection	845,265 10 3	6,023 7 11	(A) 8,349 12 0	2 12 8	83,109 17 8	2,048 1 7	851,288 18 2	(A) 8,349 12 0	19,613 18 10*	1,916 4 7	63,630 8 6	
Drainage	488,341 11 2	518 17 4	(A) 1,348 13 0	18 0 4	..	20,936 2 11	488,860 8 6	(A) 1,348 13 0	2,935 13 11	18,018 9 4	..	
Totals	92,786,869 12 1	215,005 11 1	(A) 930,034 5 0 (B) 70,453 5 7	6,065 8 6	7,960,313 12 6	412,663 2 6	92,966,878 7 0	(A) 930,034 5 0 (B) 70,453 5 7	628,675 5 11†	262,702 5 6	7,522,661 8 3	

£102,381,404 17s. 3d.

£102,381,404 17s. 3d.

* Includes Capitalized Maintenance on Bridges—Cardinia £5,385, Koo-wee-rup £11,452.

† Excludes Diversions Branch.

IRRIGATION DISTRICTS MAINTENANCE EQUALIZATION AND RENEWALS ACCOUNT, 1961-62.

District.	Balance at 1st July, 1961.	Capitalized Maintenance Paid Direct to Account 1961-62.	Cash Surpluses Transferred to Account 1961-62.	Total.	Expenditure, 1961-62.	Balance at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Bacchus Marsh ..	2,292 4 0	..	7,476 6 9	9,768 10 9	4,630 0 0	5,138 10 9
Campaspe ..	502 14 5	..	94 1 2	596 15 7	..	596 15 7
Goulburn-Murray ..	22,299 8 3	2,379 14 1	..	24,679 2 4	Cr. 103 11 0	24,782 13 4
Macalister ..	18,559 15 4	137 1 1	4,551 12 7	23,248 9 0	4,316 3 10	18,932 5 2
Merbein ..	774 19 4	..	..	774 19 4	3 0 0	771 19 4
Nyah ..	711 4 5	..	..	711 4 5	..	711 4 5
Red Cliffs ..	4,717 13 11	17 10 0	..	4,735 3 11	908 18 4	3,826 5 7
Robinvale ..	7,834 2 11	..	..	7,834 2 11	..	7,834 2 11
Tresco ..	323 10 1	..	..	323 10 1	..	323 10 1
Werribee ..	3,476 19 4	26 10 0	4,032 9 1	7,535 18 5	..	7,535 18 5
Totals ..	61,492 12 0	2,560 15 2	16,154 9 7	80,207 16 9	9,754 11 2	70,453 5 7

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS, 1961-62.

District.	Balance at 1st July, 1961.	Amount Paid into Account 1961-62.	Interest 1961-62.	Total.	Expenditure 1961-62.	Balance in Account at 30th June, 1962.
1.	2.	3.	4.	5.	6.	7.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Bellarine Peninsula ..	Cr. 13,339 0 0	1,968 0 0	Cr. 333 9 6	Cr. 11,704 9 6	..	Cr. 11,704 9 6
East Loddon ..	402 1 10	..	10 1 1	412 2 11	..	412 2 11
Harcourt ..	423 6 6	21 0 0	10 11 8	454 18 2	..	454 18 2
Kerang-North-West Lakes	220 18 0	..	5 10 5	226 8 5	..	226 8 5
Loddon ..	135 6 0	15 0 0	3 7 8	153 13 8	..	153 13 8
Mallee ..	4,812 10 7	7,471 0 0	120 6 3	5,403 16 10	..	5,403 16 10
Millewa ..	58,983 15 3	7,177 0 0	1,474 11 11	67,635 7 2	..	67,635 7 2
Mornington Peninsula ..	39,228 18 10	6,773 0 0	979 2 11	46,981 1 9	63 0 0	46,918 1 9
Normanville ..	4,593 3 3	396 0 0	114 16 7	5,103 19 10	..	5,103 19 10
Otway ..	64,124 7 10	6,406 0 0	1,603 2 2	72,133 10 0	..	72,133 10 0
Northern Mallee ..	12,962 9 0	1,105 0 0	324 1 3	14,391 10 3	..	14,391 10 3
Tyntynder North ..	1,659 14 11	194 0 0	41 9 11	1,895 4 10	..	1,895 4 10
Upper Wimmera ..	614 4 0	22 0 0	15 7 1	651 11 1	..	651 11 1
Werribee ..	18 8 4	..	0 9 2	18 17 6	..	18 17 6
West Loddon ..	1,078 3 8	3 0 0*	26 19 1	1,108 2 9	..	1,108 2 9
Wimmera ..	21,174 3 8	1,793 0 0	524 14 3	23,491 17 11	185 15 2	23,306 2 9
Totals ..	197,092 11 8	26,344 0 0	4,921 1 11	228,357 13 7	248 15 2	228,108 18 5

* Direct Contribution to Depreciation Fund.

URBAN DISTRICTS.

Allansford ..	1,363 12 4	451 0 0	34 1 10	1,848 14 2	..	1,848 14 2
Anglesea ..	3,058 11 9	733 0 0	76 9 4	3,868 1 1	..	3,868 1 1
Antwerp ..	142 1 3	14 0 0	3 11 0	159 12 3	..	159 12 3
Barwon Heads - Ocean Grove ..	3,610 1 0	2,353 0 0	90 5 0	6,053 6 0	..	6,053 6 0
Berrivilllock ..	353 15 6	37 0 0	8 16 11	399 12 5	..	399 12 5
Berwick ..	5,411 4 3	1,048 0 0	135 4 1	6,594 8 4	3 0 0	6,591 8 4
Beulah ..	1,284 2 6	109 0 0	31 13 8	1,424 16 2	16 16 3	1,407 19 11
Birchip ..	548 9 11	127 0 0	12 10 5	688 0 4	47 16 3	640 4 1
Birregurra ..	1,647 1 7	180 0 0	41 3 6	1,868 5 1	..	1,868 5 1
Bittern-Crib Point ..	3,244 13 3	1,012 0 0	81 2 4	4,337 15 7	..	4,337 15 7
Brim ..	255 11 11	50 0 0	6 7 10	311 19 9	..	311 19 9
Bunyip ..	4,525 17 2	386 0 0	98 7 11	5,010 5 1	590 0 0	4,420 5 1
Camperdown ..	19,702 18 1	1,434 0 0	492 11 5	21,629 9 6	..	21,629 9 6
Carrum Downs ..	..	157 0 0	..	157 0 0	..	157 0 0
Cohuna ..	2,541 13 10	..	..	2,541 13 10	2,541 13 10	..
Carwarp ..	267 15 0	8 0 0	6 13 11	282 8 11	..	282 8 11
Chelsea-Frankston ..	82,329 7 9	26,212 0 0	2,023 14 2	110,565 1 11	1,381 0 0	109,184 1 11
Chillingollah ..	37 1 10	16 0 0	0 18 7	54 0 5	..	54 0 5
Chinkapook ..	276 13 1	16 0 0	3 15 10	296 8 11	125 0 0	171 8 11
Cobden ..	5,293 2 11	600 0 0	132 6 7	6,025 9 6	..	6,025 9 6
Coliban ..	73,615 8 4	24,773 0 0	1,809 12 5	100,198 0 9	1,230 13 9	98,967 7 0
Corop ..	201 2 4	40 0 0	5 0 7	246 2 11	..	246 2 11
Cranbourne ..	2,149 5 5	530 0 0	36 18 7	2,716 4 0	672 0 0	2,044 4 0
Culgoa ..	337 16 11	46 0 0	8 8 11	392 5 10	..	392 5 10
Dandenong ..	48,050 1 3	8,154 0 0	1,201 3 0	57,405 4 3	4 0 0	57,401 4 3
Dimboola ..	3,688 8 0	376 0 0	92 4 2	4,156 12 2	..	4,156 12 2
Dingee ..	617 17 9	110 0 0	15 8 11	743 6 8	..	743 6 8
Dooen ..	439 5 2	22 0 0	10 19 8	472 4 10	..	472 4 10
Dromana-Portsea ..	95,942 11 7	30,473 0 0	2,398 7 10	128,813 19 5	7 0 0	128,806 19 5
Drysdale ..	3,445 6 10	417 0 0	86 2 8	3,948 9 6	..	3,948 9 6
Eildon ..	6,170 18 7	1,174 0 0	154 5 6	7,499 4 1	..	7,499 4 1
Elphinstone ..	612 13 1	122 0 0	15 6 4	749 19 5	..	749 19 5
Garfield ..	2,749 16 11	219 0 0	64 4 10	3,033 1 9	180 0 0	2,853 1 9
Gunbower ..	77 0 0	77 0 0	1 18 6	155 18 6	..	155 18 6
Hastings ..	3,448 4 11	1,026 0 0	86 4 2	4,560 9 1	..	4,560 9 1
Heyfield ..	4,689 15 6	604 0 0	110 9 5	5,404 4 11	270 19 0	5,133 5 11
Hopetoun ..	1,303 16 7	160 0 0	31 10 7	1,495 7 2	42 13 6	1,452 13 8
Jeparit ..	958 15 11	150 0 0	23 19 5	1,132 15 4	..	1,132 15 4
Jung Jung ..	707 15 8	69 0 0	17 13 11	794 9 7	..	794 9 7
Koondrook ..	1,470 17 4	210 0 0	36 15 5	1,717 12 9	..	1,717 12 9
Lake Boga ..	1,734 2 4	203 0 0	41 4 7	1,978 6 11	85 0 0	1,893 6 11
Lalbert ..	533 16 3	96 0 0	1 13 5	631 9 8	466 18 1	164 11 7
Lascelles ..	235 3 4	85 0 0	5 15 1	325 18 5	5 0 0	320 18 5
Leitchville ..	747 19 8	191 0 0	16 13 11	955 13 7	80 5 9	875 7 10
Leopold ..	69 0 0	69 0 0	1 14 6	139 14 6	..	139 14 6
Lockington ..	326 13 10	141 0 0	8 3 4	475 17 2	..	475 17 2
Longwarry ..	4,166 9 0	739 0 0	104 3 3	5,009 12 3	..	5,009 12 3
Macorna ..	359 0 6	54 0 0	8 19 6	422 0 0	Cr. 0 0 7	422 0 7
Manangatang ..	242 2 8	83 0 0	5 9 4	330 12 0	23 5 1	307 6 11
Marnoo ..	1,662 13 8	99 0 0	41 11 4	1,803 5 0	..	1,803 5 0

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS, 1961-62—continued.

District. 1.	Balance at 1st July, 1961. 2.	Amount Paid into Account 1961-62. 3.	Interest 1961-62. 4.	Total. 5.	Expenditure 1961-62. 6.	Balance in Account at 30th June, 1962. 7.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
URBAN DISTRICTS—continued.						
Marong	956 1 10	128 0 0	23 18 0	1,107 19 10	..	1,107 19 10
Merbein	4,748 15 6	623 0 0	118 14 5	5,490 9 11	..	5,490 9 11
Meringur	380 3 7	36 0 0	9 10 1	425 13 8	..	425 13 8
Minyip	1,160 2 6	189 0 0	14 11 1	1,363 13 7	577 17 8	785 15 11
Mitlamo	183 16 2	98 0 0	4 11 11	286 8 1	..	286 8 1
Mornington	18,823 15 3	8,527 0 0	466 15 8	27,817 10 11	152 10 0	27,665 0 11
Murrabit	579 2 6	118 0 0	14 9 7	711 12 1	..	711 12 1
Nandaly	299 18 4	36 0 0	7 9 11	343 8 3	..	343 8 3
Nar Nar Goon-Tynong	503 0 0	514 0 0	12 11 6	1,029 11 6	..	1,029 11 6
Natimuk	1,393 9 8	90 0 0	33 15 3	1,517 4 11	43 0 0	1,474 4 11
Newstead	2,406 11 11	234 0 0	60 3 3	2,700 15 2	..	2,700 15 2
Nullawil	367 18 11	40 0 0	9 4 0	417 2 11	..	417 2 11
Nyah	1,193 11 2	99 0 0	29 16 9	1,322 7 11	..	1,322 7 11
Nyah West	2,034 18 9	177 0 0	48 10 0	2,260 8 9	94 19 10	2,165 8 11
Officer	209 0 0	218 0 0	5 4 6	432 4 6	..	432 4 6
Ouyen	2,411 17 3	546 0 0	60 5 11	3,018 3 2	..	3,018 3 2
Pakenham	3,277 10 7	925 0 0	46 9 7	4,249 0 2	1,418 6 10	2,830 13 4
Patchewollock	195 7 11	66 0 0	4 17 8	266 5 7	..	266 5 7
Piangil	886 0 4	111 0 0	19 18 3	1,016 18 7	89 11 6	927 7 1
Pimpinio	219 1 8	52 0 0	5 9 7	276 11 3	..	276 11 3
Portarlington	7,830 13 0	1,091 0 0	195 14 10	9,117 7 10	1 0 0	9,116 7 10
Pyramid Hill	1,576 1 1	112 0 0	32 4 6	1,720 5 7	287 0 2	1,433 5 5
Quambatook	Cr. 56 18 5	130 0 0	Cr. 1 8 6	71 13 1	..	71 13 1
Queenscliff-Point Lonsdale	8,866 10 7	1,917 0 0	221 13 4	11,005 3 11	..	11,005 3 11
Rainbow	2,045 13 6	230 0 0	43 8 4	2,319 1 10	309 0 11	2,010 0 11
Red Cliffs	3,647 9 4	691 0 0	91 3 9	4,429 13 1	..	4,429 13 1
Robinvale	2,059 18 7	218 0 0	51 9 11	2,329 8 6	..	2,329 8 6
Rupanyup	1,488 8 2	189 0 0	27 13 0	1,705 1 2	382 7 8	1,322 13 6
Sea Lake	1,276 11 10	160 0 0	31 18 4	1,468 10 2	..	1,468 10 2
Somerville	2,225 8 2	359 0 0	55 12 8	2,640 0 10	..	2,640 0 10
South Frankston	12,588 16 2	4,695 0 0	304 7 4	17,588 3 6	414 5 1	17,173 18 5
Speed	254 18 6	78 0 0	6 7 6	339 6 0	..	339 6 0
Stanhope	1,923 18 4	299 0 0	48 1 11	2,271 0 3	..	2,271 0 3
Tallygaroopna	496 14 8	59 0 0	12 8 5	568 3 1	..	568 3 1
Tempy	608 7 10	78 0 0	15 4 2	701 12 0	..	701 12 0
Terang	14,878 17 9	711 0 0	371 19 5	15,961 17 2	..	15,961 17 2
Torquay	3,962 13 10	458 0 0	99 1 4	4,519 15 2	..	4,519 15 2
Tyabb	330 0 0	339 0 0	8 5 0	677 5 0	..	677 5 0
Ultima	606 1 11	72 0 0	14 8 1	692 10 0	30 0 0	662 10 0
Waitchie	136 16 8	27 0 0	3 8 5	167 5 1	..	167 5 1
Walpeup	326 9 5	45 0 0	8 3 3	379 12 8	..	379 12 8
Watchem	928 16 8	85 0 0	23 4 5	1,037 1 1	..	1,037 1 1
Werrinall	601 6 3	72 0 0	10 10 8	683 16 11	179 17 10	503 19 1
Wonthaggi	14,359 11 1	2,375 0 0	325 12 9	17,060 3 10	1,334 1 0	15,726 2 10
Woomelang	1,176 0 8	131 0 0	29 8 0	1,336 8 8	..	1,336 8 8
Woorinen	229 3 9	48 0 0	5 14 7	282 18 4	..	282 18 4
Wycheproof	3,184 19 2	252 0 0	79 12 6	3,516 11 8	..	3,516 11 8
Yaapeet	713 13 7	72 0 0	17 16 10	803 10 5	..	803 10 5
Totals	527,145 0 2	133,275 0 0	12,851 9 1	673,271 9 3	13,086 19 5	660,184 9 10

FLOOD PROTECTION DISTRICTS.

Cardinia	1,795 19 7	1,064 0 0	44 18 0	2,904 17 7	..	2,904 17 7
Lower Koo-Wee-Rup	3,434 17 0	1,924 0 0	85 17 5	5,444 14 5	..	5,444 14 5
Totals	5,230 16 7	2,988 0 0	130 15 5	8,349 12 0	..	8,349 12 0

DRAINAGE DISTRICT.

Carrum	666 0 0	666 0 0	16 13 0	1,348 13 0	..	1,348 13 0
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SEWERAGE DISTRICT.

Eildon	3,069 9 6	998 0 0	76 14 9	4,144 4 3	..	4,144 4 3
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BUILDINGS.

Buildings	28,892 16 4	5,250 0 0	644 2 10	34,786 19 2	3,127 2 6	31,659 16 8
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PLANT WORKSHOPS.

Bendigo	26,812 9 6	2,400 0 0	670 6 3	29,882 15 9	..	29,882 15 9
Kerang	1,634 2 7	222 0 0	40 17 0	1,896 19 7	..	1,896 19 7
Tatura	207 12 7	50 0 0	5 3 10	262 16 5	..	262 16 5
Totals	28,654 4 8	2,672 0 0	716 7 1	32,042 11 9	..	32,042 11 9
Grand Totals	790,750 18 11	172,193 0 0	19,357 4 1	982,301 3 0	16,462 17 1	965,838 5 11

Water Supply Works Depreciation Fund.

	£	s.	d.		£	s.	d.		£	s.	d.
Balance from 30th June, 1961				790,750	18	11		Credit balance as at 30th June, 1961	56,029	12	1
Paid into account 1961-62	172,190	0	0					Investments redeemed 1961-62			
Paid direct to Fund 1961-62	3	0	0					Paid by Commission direct to Fund			
Interest credited 1961-62	19,357	4	1					1961-62	3	0	0
				191,550	4	1		Amount transferred to Fund by			
								Treasury 1961-62			
				982,301	3	0		Interest earned on Investment Ac-			
Less Expenditure 1961-62				16,462	17	1		count 1961-62			
									56,032	12	1
								£	s.	d.	
								Less—			
								Expenditure			
								1961-62	16,462	17	1
								Amount Invested			
								by Treasury			
								1961-62			
									16,462	17	1
								Credit Balance as at 30th June, 1962			
								Amount at Credit of Sundry Invest-			
								ment Account			
								Contributions credited to Account in			
								Commission's books—not credited			
								to Fund in Treasury at 30th June,			
								1961..	660,105	14	9
								Add Contributions paid to Revenue			
								1961-62	172,190	0	0
									832,295	14	9
								Less Amount transferred to Fund by			
								Treasury 1961-62			
									832,295	14	9
								£	s.	d.	
								Add Total Interest			
								credited to Ac-			
								count in Commis-			
								sion books at 30th			
								June, 1962	165,722	2	0
								Less Amount			
								credited to Fund			
								by Treasury at			
								30th June, 1962	71,749	5	10
									93,972	16	2
								Amount not credited to Fund by			
								Treasury at 30th June, 1962			
									926,268	10	11
									965,838	5	11

SUMMARY OF OPERATING TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1962.

	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.
Balance as at 1st July, 1961 ..	..			406,228	5	2	Interest due for year paid to Revenue No. 2 to 30th June, 1962 .. ..	..			48,727	14	10
Amounts charged for moneys authorized for carrying out construction and maintenance of Commission Works on which plant and machinery were engaged with respect to Capital Liability of £1,604,062 3s. 2d. as at 30th June, 1962—							Redemption paid to Revenue No. 9 Miscellaneous to 30th June, 1962 .. ..	..			4,060	12	11
							Water Supply Plant and Machinery Depreciation Fund (Investment in Treasury) ..	330,047	18	3			
Interest	63,079	5	3				Interest on Funds Investment ..	31,618	4	4			
Redemption	5,256	12	1								361,666	2	7
Depreciation	330,047	18	3				Cost of Operations, Maintenance, and Repairs, &c. .. ..	..			354,346	7	7
Cost of Operation, Maintenance, and Repairs, &c.	270,796	19	7				Plant and Machinery Operating Account Reserve as at 30th June, 1962 .. ..	..			338,226	6	9
				669,180	15	2							
Interest—Depreciation Fund Investments				31,618	4	4							
				1,107,027	4	8					1,107,027	4	8

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (ACT 6413).

SUMMARY OF CAPITAL TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1962.

	£	s.	d.	£	s.	d.
Plant and Machinery—						
Debit Balance in Account as at 30th June, 1961	1,640,393	8	9			
Add—Purchases of Plant from Loan Funds during year 1961–62	58,798	4	4			
				1,699,191	13	1
Deduct—						
Redemption paid to Treasury 30th June, 1962	4,060	12	11			
Repayments to State Loans Repayment Fund	91,068	17	0			
				95,129	9	11
Total Capital Liability				1,604,062	3	2
Note.—Interest paid to Treasury in respect to Capital Liability of Plant and Machinery Account—						
Plant and Machinery—	£	s.	d.			
Payments to 30th June, 1961	603,077	19	9			
Amount due and paid for year 1961–62	48,727	14	10			
	651,805	14	7			

RECONCILIATION OF WATER SUPPLY PLANT AND MACHINERY DEPRECIATION ACCOUNT WITH WATER SUPPLY PLANT AND MACHINERY DEPRECIATION FUND (ACT 6413).

Water Supply Plant and Machinery Depreciation Account.

	£	s.	d.	£	s.	d.
Credit Balance as at 30th June, 1961				1,206,028	5	5
Add—						
Proceeds from Hire of Plant	330,047	18	3			
Interest credited for year 1961–62	31,618	4	4			
	361,666	2	7			
Less Expenditure for replacement of Plant	332,295	2	2			
	29,371	0	5			
Repayments to State Loans Repayment Fund for plant sold and not replaced	23,729	7	10			
				5,641	12	7

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

	£	s.	d.	£	s.	d.
Balance as per Treasury General Account at 30th June, 1961				528,028	5	5
Payments to Fund during 1961–62	330,047	18	3			
Interest credited by Treasury on Investments for year 1961–62	31,618	4	4			
				361,666	2	7
				889,694	8	0
Less Withdrawals for replacement of plant	332,295	2	2			
Repayments to State Loans Repayment Fund for plant sold and not replaced	23,729	7	10			
				356,024	10	0
				533,669	18	0
Less Funds invested during 1961–62				200,000	0	0
Balance as per Treasury General Account at 30th June, 1962				333,669	18	0
Amount Invested in Treasury Investment Account				878,000	0	0
				1,211,669	18	0

1,211,669 18 0

STATEMENT OF REVENUE SETTING OUT ARREARS AS AT 1ST JULY, 1961, AND AS AT 30TH JUNE, 1962.

	Total.	Water Act 1958 (No. 6413), Sec. 374.			General Rate.		Irrigation Charge.		Drainage Rate.		Flood Protection Charge.		Sales of Water.		Miscellaneous.
		Consolidated Arrears.	Interest.	Rate.	Rate.	Interest.	Charge.	Interest.	Rate.	Interest.	Charge.	Interest.	Sales.	Interest.	
	£	£	£	£	£	£	£	£	£	£	£	£	£	£	£
Arrears at 1st July, 1961 ..	488,259	420	438	110,572	11,520	7,931	73,570	1,485	17,859	199	246,842	1,552	13,169		
Assessments 1961-62 ..	2,304,217	..	..	1,150,109	..	..	934,690	..	177,559	..	41,859	..	..	..	..
Additional Water Sales, and Interest Charges to 30th June, 1962 ..	1,175,756	..	11	..	6,518	5,391	..	1,290	..	220	850,682	1,726	309,918		
Total Amount Collectable, 1961-62 ..	3,968,232	420	449	1,260,681	18,038	13,322	1,008,260	2,775	195,418	419	1,097,524	3,278	323,087		
Deduct— (i) Revenue Collected, 1961-62 ..	3,350,195	39	63	1,152,556	6,479	6,718	938,859	1,149	176,639	240	717,731	1,835	305,963		
(ii) Credits Absorbed ..	6,699	..	..	2,328	..	..	614	..	93	..	901	2	2,738		
Balance ..	611,338	381	386	105,797	11,559	6,604	68,787	1,625	18,686	179	378,892	1,441	14,386		
Add—Amounts Overpaid ..	9,259	..	..	4,246	5	..	202	2	98	3	2,204	13	2,486		
Total—Gross Arrears at 30th June, 1962	620,597	381	386	110,043	11,564	6,604	68,989	1,627	18,784	179	381,096	1,454	16,872		
Deduct—Amounts recommended for Writing Off. 1961-62 ..	15,138	218	315	6,094	315	75	2,669	56	585	3	2,569	96	2,126		
Balance—Net Arrears as at 30th June, 1962 ..	605,459	163	71	103,949	11,249	6,529	66,320	1,571	18,199	176	378,527	1,358	14,746		

Excludes operations of Eildon Sewerage District. This Statement is subject to Audit and minor adjustments.

CAPITAL EXPENDITURE.

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED
30TH JUNE, 1962.

Works.	Water Supply Loan Funds.					
	Act 6708.		Act 6820.		Total.	
	£	s. d.	£	s. d.	£	s. d.
<i>Main Supply Works, Stores, and Workshops.</i>						
Bellarine Peninsula Headworks	17,042	16 8	Cr. 72 12 2		16,970	4 6
Bulk Storeyard—South Melbourne .. .. .	..	..	4,914 10 11		4,914	10 11
Cairn Curran Reservoir	2,373	13 4	1,024 4 7		3,397	17 11
Cattanaoh Canal	19	11 6	1 12 8		21	4 2
Central Highlands Development Project	13,439	2 1	14,468 14 3		27,907	16 4
Commission Buildings	113,633	3 1	102,664 19 1		216,298	2 2
Commission Workshops	283	0 6	633 17 11		916	18 5
East Goulburn Main Channel	45,360	13 4	70,279 11 2		115,640	4 6
Eildon Reservoir Enlargement	Cr. 718 6 2		54,628 1 1		53,909	14 11
Eppalock Reservoir	394,951	13 0	1,045,554 17 2		1,440,506	10 2
Glenmaggie Weir	60	10 7	1,281 15 5		1,342	6 0
Goulburn Weir	478 4 4		572 2 8		1,050	7 0
Goulburn System Enlargement	Cr. 40,911 10 2		100,348 12 7		59,437	2 5
Lake Corangamite Drainage Project	12,010	6 10	20,088 12 8		32,098	19 6
Little River Weir	17	0 0	5 5 5		22	5 5
Loddon River Works	1,155	9 6	356 17 1		1,512	6 7
Loddon Weir .. .. .	..	..	401 19 2		401	19 2
Maffra Weir	1,783	8 6	148 18 2		1,932	6 8
Melton Reservoir	97 5 11		2,719 8 10		2,816	14 9
Mornington Peninsula Headworks	26,113	2 2	90,751 6 8		116,864	8 10
Otway System Headworks	9,873	3 1	85,624 12 5		95,497	15 6
Plant and Machinery	39,790	1 8	19,008 2 8		58,798	4 4
Pykes Creek Reservoir	253	19 5	254 1 9		508	1 2
River Murray Agreement Works	57,000	0 0	23,000 0 0		80,000	0 0
Rocklands Storage	2,092	6 1	1,172 18 5		3,265	4 6
Stuart Murray Canal	9,439	16 5	4,154 18 1		13,594	14 6
Surveys and Investigations	42,648	19 1	133,601 9 4		176,250	8 5
Tallangatta Township Removal	748	19 10	180 9 0		929	8 10
Toolondo Reservoir	2,295	13 10	656 14 2		2,952	8 0
Torrumbarry System	26,682	19 5	8,037 1 11		34,720	1 4
Tullaroop Creek Reservoir	10,257	5 9	3,082 15 7		13,340	1 4
Waranga Reservoir Enlargement	92	16 10	47 3 6		140	0 4
Wangara Western Channel Enlargement	1,813	9 9	8,366 4 0		10,179	13 9
Waranga Western Channel to Diversion .. .. .	..	..	391 8 1		391	8 1
Waranga Western Channel from 56-mile Regulator	141	15 8	705 14 9		847	10 5
Waranga Western Channel Extensions .. .. .	..	..	4 16 3		4	16 3
Werribee Research Station	1,525	12 0	670 15 5		2,196	7 5
Wimmera Main Channels	1,043	8 3	18,484 19 1		19,528	7 4
Total	792,889	12 1	1,818,216 19 9		2,611,106	11 10
<i>Irrigation Districts.</i>						
Bacchus Marsh	569	17 5	4,980 4 10		5,550	2 3
Campaspe	1,746	0 11	3,067 11 9		4,813	12 8
Goulburn-Murray	590,473	15 0	753,190 19 0		1,343,664	14 0
Macalister	26,541	14 2	44,561 8 9		71,103	2 11
Merbein	1,954	13 9	8,141 13 7		10,096	7 4
Nyah	1,408	10 3	8,113 4 5		9,521	14 8
Red Cliffs	7,983	19 6	10,720 4 5		18,704	3 11
Robinvale	4,922	12 11	11,543 15 9		16,466	8 8
Treseo	10,260	17 7	12,402 13 2		22,663	10 9
Werribee	185	1 4	74 14 5		259	15 9
Total	646,047	2 10	856,796 10 1		1,502,843	12 11
<i>Waterworks Districts.</i>						
Axe Creek	2	19 5	17 0 7		20	0 0
Bellarine Peninsula .. .. .	..	..	233 8 8		233	8 8
East Loddon	107	2 6	273 3 6		380	6 0
Harcourt	16	15 1	95 19 5		112	14 6
Kerang North West Lakes	123	11 9	244 19 7		368	11 4
Loddon	117	10 7	697 7 3		814	17 10
Mallee	1,777	11 7	8,935 8 5		10,713	0 0
Millewa	355	16 10	79 7 5		435	4 3
Mornington Peninsula	1,996	10 6	744 19 8		2,741	10 2
Normanville	154	8 3	268 14 10		423	3 1
Northern Mallee	1,162	19 11	2,333 0 1		3,496	0 0
Otway	719	18 6	203 8 0		923	6 6

CAPITAL EXPENDITURE—continued.

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED
30TH JUNE, 1962—continued.

Works.	Water Supply Loan Funds.					
	Act 6708.		Act 6820.		Total.	
	£	s. d.	£	s. d.	£	s. d.
<i>Waterworks Districts—continued.</i>						
Tyntynder North	4	14 8	140	9 0	145	3 8
Upper Wimmera	1,041	13 9	848	18 4	1,890	12 1
Werribee	3	1 9	0	6 0	3	7 9
West Loddon	188	17 1	278	16 8	467	13 9
Wimmera	6,508	4 7	51,331	19 7	57,840	4 2
Total	14,281	16 9	66,727	7 0	81,009	3 9
<i>Urban Districts.</i>						
Allansford	96	2 5	14	14 6	110	16 11
Anglesea	1,495	5 3	657	5 2	2,152	10 5
Barwon Heads—Ocean Grove	615	5 5	1,005	17 5	1,621	2 10
Baxter—Pearcedale	93	12 0	20,950	14 3	21,044	6 3
Berwick	251	16 5	Cr. 11	5 1	240	11 4
Beulah	4,574	2 11	2,929	14 0	7,503	16 11
Birchip	329	13 0	357	3 6	686	16 6
Birregurra	6	12 3	75	14 5	82	6 8
Bittern—Crib Point	665	17 2	64	14 9	730	11 11
Brim	6	15 0	457	11 0	464	6 0
Bunyip	240	2 10	9,134	18 11	9,375	1 9
Camperdown	94	8 0	465	17 6	560	5 6
Carrum Downs	965	1 8	424	4 0	1,389	5 8
Chelsea—Frankston	13,781	18 7	39,489	1 0	53,270	19 7
Chinkapook	330	0 3	151	5 7	481	5 10
Cobden	18	15 10	615	10 0	634	5 10
Coliban	36,678	2 0	126,352	13 5	163,030	15 5
Cranbourne	558	3 11	22,487	1 6	23,045	5 5
Culgoa .. .. .	..	..	293	17 9	293	17 9
Dandenong—Springvale	1,233	9 10	20,930	5 3	22,163	15 1
Dingee .. .. .	..	..	3	5 0	3	5 0
Dromana—Portsea	199,588	9 10	90,245	4 1	289,833	13 11
Drysdale .. .. .	..	..	685	1 6	685	1 6
Elphinstone	0	1 9	0	9 11	0	11 8
Garfield	17	8 4	1,686	2 4	1,703	10 8
Gunbower	744	8 5	141	15 5	886	3 10
Hampton Park	6,916	15 11	4,820	18 9	11,737	14 8
Hastings	1,290	10 1	481	14 10	1,772	4 11
Heyfield	63	0 0	1,712	17 7	1,775	17 7
Hopetoun	299	16 5	1,059	13 10	1,359	10 3
Indented Heads—St. Leonards	17,394	19 6	32,560	8 1	49,955	7 7
Jung Jung	54	19 7	112	1 2	167	0 9
Koondrook .. .. .	..	..	1,249	3 6	1,249	3 6
Lalbert	535	5 7	107	16 2	643	1 9
Lascelles	190	12 4	42	2 7	232	14 11
Leitchville .. .. .	..	..	406	5 0	406	5 0
Leopold	99	15 10	194	3 6	293	19 4
Lockington	34	17 9	810	9 7	845	7 4
Longwarry	20	4 11	39	1 11	59	6 10
Macorna	62	0 0	5	3 4	67	3 4
Manangatang	213	6 8	17	15 7	231	2 3
Marong	0	2 7	0	14 11	0	17 6
Merbein	36	4 6	80	7 0	116	11 6
Minyip	6	2 6	1,490	13 11	1,496	16 5
Mornington	2,215	14 1	10,569	8 11	12,785	3 0
Murrabit	11	5 0	0	18 9	12	3 9
Nar Nar Goon—Tynong	231	16 4	1,555	10 0	1,787	6 4
Narree Warren	665	17 10	19,704	5 9	20,370	3 7
Natimuk	290	1 4	24	3 5	314	4 9
Nyah .. .. .	..	..	28	1 4	28	1 4
Nyah West .. .. .	..	..	3	5 0	3	5 0
Officer	1,375	11 5	2,462	11 10	3,838	3 3
Ouyen	16,892	4 6	2,631	7 4	19,523	11 10
Pakenham	12,035	6 0	2,430	8 3	14,465	14 3
Portarlington	4,248	2 9	2,439	4 5	6,687	7 2
Pyramid Hill	35	17 4	1,240	19 9	1,276	17 1
Quambatook	64	9 0	532	4 7	596	13 7
Queenscliff—Point Lonsdale	91	0 2	683	3 2	774	3 4
Rainbow	28	5 8	2,082	3 2	2,110	8 10
Red Cliffs	201	9 6	71	15 7	273	5 1
Robinvale	4,857	6 8	4,206	9 1	9,063	15 9
Rupanyup	3	5 7	1,701	11 4	1,704	16 11
Sea Lake	6,827	9 1	1,497	13 9	8,325	2 10
Somerville	161	17 5	211	18 5	373	15 10
South Frankston	30,575	2 6	14,324	15 2	44,899	17 8
Speed	85	19 7	178	0 3	263	19 10
Stanhope .. .. .	..	..	790	0 7	790	0 7
Terang	2,308	2 4	348	13 7	2,656	15 11

CAPITAL EXPENDITURE—continued.

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED
30TH JUNE, 1962—continued.

Works.								Water Supply Loan Funds.		
								Act 6708.	Act 6820.	Total.
								£ s. d.	£ s. d.	£ s. d.
<i>Urban Districts—continued.</i>										
Torquay	..	..	..	..	..	..	..	12 18 11	2,343 15 10	2,356 14 9
Tyabb	..	..	..	..	..	..	..	261 12 4	1,855 4 2	2,116 16 6
Ultima	..	..	..	..	..	..	..	188 12 4	72 11 0	261 3 4
Walpeup	..	..	..	..	..	..	..	..	20 7 10	20 7 10
Werrimull	..	..	..	..	..	..	..	140 18 6	11 14 11	152 13 5
Wonthaggi	..	..	..	..	..	..	..	2,185 17 1	5,467 7 0	7,653 4 1
Woomelang	..	..	..	..	..	..	..	388 7 7	469 10 11	857 18 6
Woorinen	..	..	..	..	..	..	..	..	571 1 2	571 1 2
Wycheproof	..	..	..	..	..	..	..	397 18 6	190 19 11	588 18 5
Total								376,386 16 7	465,521 14 6	841,908 11 1
<i>Drainage District.</i>										
Carrum	..	..	..	..	..	..	..	15,444 14 4	19,384 13 5	34,829 7 9
Total								15,444 14 4	19,384 13 5	34,829 7 9
<i>Flood Protection Districts.</i>										
Cardinia	..	..	..	..	..	..	..	502 10 4	57 10 1	560 0 5
Lower Koo-wee-rup	..	..	..	..	..	..	..	7,112 14 2	33,185 11 10	40,298 6 0
Total								7,615 4 6	33,243 1 11	40,858 6 5
<i>Works Under General Supervision.</i>										
Waterworks Trusts and Local Governing Bodies	..	..	..	..	..	..	..	429,091 11 11	1,225,228 19 7	1,654,320 11 6
River Improvements Trusts	..	..	..	..	..	..	..	50,191 10 6	143,895 0 10	194,086 11 4
Latrobe Valley	..	..	..	..	..	..	..	491,218 18 6	422,052 17 9	913,271 16 3
Total								970,502 0 11	1,791,176 18 2	2,761,678 19 1
Grand Total								2,823,167 8 0	5,051,067 4 10	7,874,234 12 10

SUMMARY.

	£	s.	d.
Ordinary Loan Funds (Acts 6708 and 6820)	7,874,234	12	10
Treasurer's Advance—Waterworks Trusts and Local Governing Bodies	70,613	18	7
River Improvement Trusts	785	6	3
Salt Affected Lands (Acts 6413/6604)	10,070	4	0
	7,955,704	1	8

COUNTRY SEWERAGE AUTHORITIES.

Water Supply Loan Application Act 6708 Part V.	63,816	14	3
Water Supply Loan Application Act 6708 Part VI.	13,091	4	3
Water Supply Loan Application Act 6820 Part VII.	182,080	19	2
Water Supply Loan Application Act 6820 Part IX	126,327	5	8
	385,316	3	4

CAPITAL EXPENDITURE—*continued*.

CAPITAL EXPENDITURE ON WORKS OF COUNTRY WATER SUPPLY AS AT 30TH JUNE, 1962.

RECONCILIATION STATEMENTS.

(A) LOAN.

Net Loan Capital as per Annual Report.

	£	s.	d.	£	s.	d.
Total Loan Expenditure (Finance page 97)	133,198,605	6	6			
<i>Add—</i>						
Discount and Expenses Less Premiums Country Water Supply (Finance pages 97 and 98)	2,575,579	1	3			
Loan Expenditure Geelong Works (Finance page 98)	441,152	1	8			
				3,016,731	2	11
				136,215,336	9	5
<i>Less—</i>						
Redemption—						
State Loans Repayment Fund, &c. (Finance pages 97 and 98) ..	5,172,678	3	7			
Paid to Consolidated Revenue (Annual Report page 95) ..	1,147,533	12	4			
				6,320,211	15	11
				129,895,124	13	6
Net Loan Capital as per Annual Report	129,895,124	13	6			

(B) UNEMPLOYMENT RELIEF FUNDS.

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

STATEMENT OF CAPITAL EXPENDITURE ON WORKS OF COUNTRY SEWERAGE AUTHORITIES.

	£	s.	d.
Expenditure as at 30th June, 1957, Act 5746 (Sewerage Act)	1,113,357	6	5
Expenditure as at 30th June, 1961, Water Supply Loan Application Act	2,672,165	5	1
Expenditure 1961–62—			
Act 6708	76,907	18	6
Act 6820	308,408	4	10
	385,316	3	4
Total as at 30th June, 1962	4,170,838	14	10
Expenditure at Debit of Authorities, Act 5746 (Sewerage Act)	1,024,805	3	8
Expenditure at Debit of Authorities, Water Supply Loan Application Acts	2,295,084	7	7
	3,319,889	11	3
Amounts transferred by Order in Council to Expenditure Borne by the State Account—			
Sewerage Act	88,552	2	9
Water Supply Loan Application Acts	762,397	0	10
	850,949	3	7
	4,170,838	14	10
EILDON SEWERAGE DISTRICT.			
Amounts transferred from Country Sewerage Authorities	103,800	0	0
Less Redemption paid to Consolidated Revenue	2,009	19	10
	101,790	0	2
Expenditure at Debit of District	73,230	0	2
Expenditure Borne by State Account	28,560	0	0
	101,790	0	2

SUMMARY OF CAPITAL EXPENDITURE, LOAN LIABILITY, INTEREST AND EXCHANGE

CAPITAL EXPENDITURE, 1961-62.

Expenditure during the year on Capital Works of Water Supply—	£	s.	d.	£	s.	d.
Ordinary Loan Funds (Details, pages 82, 83, 84)	7,874,234 12 10

LOAN CAPITAL LIABILITY.

Net Loan Liability of State for Works of Country Water Supply at 30th June, 1962	118,702,157	2	4
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Represented by—	£	s.	d.
Works at Debit of Authorities—			
Commission Districts	7,659,425	4	0
Water Supply Plant and Machinery Account	1,604,062	3	2
Plant Workshops	17,362	7	2
Waterworks Trusts and Local Governing Bodies	10,502,573	2	1
River Improvement Trusts	194,138	18	6
Latrobe Valley	4,812,467	19	0
	24,790,029	13	11
Capital Expenditure Borne by the State—			
Capital Works and Charges	7,531,461	7	1
State Works of Water Supply	1,280,451	5	7
Headworks and Distributory Works	89,931,200	11	2
Waterworks Trusts and Local Governing Bodies	5,007,929	14	6
Free Grants to Local Authorities in early years	142,356	4	11
River Improvement Trusts	1,206,913	13	8
Latrobe Valley	4,782	2	8
	105,105,094	19	7

Net Loan Capital Liability of Commission's Districts, and Works under Control of the Commission	129,895,124	13	6
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Less Amount from National Debt Sinking Fund, being the difference between redemption recoup contributions paid by Districts, Waterworks Trusts, &c. (£1,147,533 12s. 4d.) and the amount (£12,340,501 3s. 6d.) contributed from Consolidated Revenue to the National Debt Sinking Fund (Finance pages 97, 98)	11,192,967	11	2
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Net Liability Country Water Supply Capital Account in Treasury	118,702,157	2	4
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INTEREST AND EXCHANGE.

The Total Interest on the Loan Liability for 1961-62 is	5,522,713	16	5
To which is to be added—			
Exchange payable on Overseas Interest	205,926	0	2
Loan Conversion Expenses	9,676	16	8
	5,738,316	13	3

Interest Debitable to—			
Works at Debit of Authorities—			
Commission Districts	239,643	17	2
Trusts	434,968	1	4
Water Supply Plant and Machinery Account	48,727	14	10
	723,339	13	4
Capital Expenditure Borne by the State—			
Capital Works and Charges	339,446	0	0
State Works of Water Supply	50,263	0	0
Headworks and Distributory Works not debited to Districts	3,659,306	3	1
Waterworks Trusts and Local Governing Bodies	744,771	0	0
Free Grants to Local Authorities in early years	5,588	0	0
	4,799,374	3	1
Exchange £205,926 0s. 2d. and Loan Conversion Expenses, £9,676 16s. 8d. not apportioned	215,602	16	10
	5,738,316	13	3

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, 1962.

Year Ended 30th June.	Expenditure under Water Supply Loans Application Acts.		Capital Expenditure by Commission from Unemployment Relief Funds.		Capital Expenditure under Water Supply Loans Application Acts and from Unemployment Relief Funds.	
	During Year.		During Year.		During Year.	
	£	s. d.	£	s. d.	£	s. d.
1906-1956 (a) ..	..	88,498,365 15 5	..	2,860,747 0 0	..	91,359,112 15 5
1957	6,593,440 19 11	95,091,806 15 4	..	2,860,747 0 0	6,593,440 19 11	97,952,553 15 4
1958	6,922,072 0 3	102,013,878 15 7	..	2,860,747 0 0	6,922,072 0 3	104,874,625 15 7
1959	7,788,976 5 3	109,802,855 0 10	..	2,860,747 0 0	7,788,976 5 3	112,663,602 0 10
1960	7,085,215 6 10	116,888,070 7 8	..	2,860,747 0 0	7,085,215 6 10	119,748,817 7 8
1961	7,981,549 8 11	124,869,619 16 7	..	2,860,747 0 0	7,981,549 8 11	127,730,366 16 7
1962	7,874,234 12 10	132,743,854 9 5	..	2,860,747 0 0	7,874,234 12 10	135,604,601 9 5

NOTE.—(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. For details of prior expenditure see page 97, Annual Report 1959-60.

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 under-mentioned works :—

A.—CAPITAL WORKS AND CHARGES.

	Capital Charges Borne by Districts and Works.		Capital Charges Borne by the State Account.		Total.		Totals as at 30th June, 1962.	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.
Geelong (inclusive of Loan Flotation Expenses)	..	..	165,022 14 8	..	165,022 14 8	..	..	..
Goulburn Levees .. .. .	..	..	30,797 0 4	..	30,797 0 4	..	..	..
Torrumbarry System (excluding Weir)	..	..	299,314 5 0	..	299,314 5 0	..	..	..
Lang Lang River Works .. .. .	..	..	48,543 8 9	..	48,543 8 9	..	..	..
Surveys and Preliminary Investigations	..	..	1,067,932 1 2	..	1,067,932 1 2	..	..	..
Loan Flotation Expenses .. .. .	..	..	2,551,473 13 9	..	2,551,473 13 9	..	..	..
River Improvements .. .. .	..	..	18,432 10 6	..	18,432 10 6	..	..	..
Bulk Store and Storeyard, South Melbourne, and Dynon-road Storeyard	..	..	12,228 5 2	..	12,228 5 2	..	..	..
Water Supply Stores Suspense .. .. .	..	..	1,206,000 0 0	..	1,206,000 0 0	..	..	..
Plant and Machinery Suspense	1,604,062 3 2	..	..	..	1,604,062 3 2	..	..	..
Central Plant Workshops, Bendigo (Land, Buildings, and Services, £155,001 18s. 5d.; Equipment, £47,126 17s. 10d.; Residences, £49,875 11s. 6d.)	17,029 7 11	..	234,974 19 10	..	252,004 7 9	..	..	..
Plant Sub-depots, Kerang, £17,343 11s. 3d.; Tatura, £2,595 18s. 1d.; Koo-Wee-Rup, £385 11s. Commission Buildings, "Carlisle House" and Fine Arts Building, £67,796 4s. 2d.; Hydraulic Experimental Station, Werribee, £49,077 9s. 5d., including residences; Engineering Laboratory, Hawthorn, £202 16s. 1d. (C/-); Irrigation and other Branch residences, £54,178 18s. 6d.; Central Administrative Offices, Toorak, £746,730 9s. 9d.; Land Purchase, £1,941 14s. 4d.	332 19 3	..	19,992 1 1	..	20,325 0 4	..	..	..
Little River Weir .. .. .	..	..	11,303 19 10	..	11,303 19 10	..	..	..
Tallangatta Township Removal .. .. .	..	..	74,178 11 0	..	74,178 11 0	..	..	..
Advances to State Electricity Commission for the Provision of Electricity Supply to Water Supply Works .. .. .	..	..	26,386 0 6	..	26,386 0 6	..	..	..
Lake Corangamite Drainage Project .. .. .	..	..	445,289 11 5	..	445,289 11 5	..	..	..
Mountain Areas Water Supply .. .. .	..	..	390,000 0 0	..	390,000 0 0	..	..	..
Central Gippsland—Salt Affected Lands—Act 6413/6604 .. .. .	..	..	10,070 4 0	..	10,070 4 0	..	..	..
	1,621,424 10 4	..	7,531,461 7 1	..	9,152,885 17 5	..	9,152,885 17 5	..
Carried forward ..							9,152,885 17 5	..

LOAN CAPITAL ACCOUNTS—continued.

B.—STATE WORKS OF WATER SUPPLY.

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

	Totals as at 30th June, 1962.		
	£	s.	d.
	9,152,885 17 5		
	Brought forward ..		
	£	s.	d.
Broken River Works. —Casey's Weir and offtake, with about 59 chains of channel to Broken Creek; Gowangardie Weir with offtake sluice	22,682	4	5
Goulburn River Works. —Weir on the Goulburn River, about 9 miles above Murchison; channel therefrom, about 23½ miles to Waranga Reservoir; and that Reservoir (but exclusive of the work of its enlargement)	738,472	7	4
Kerang North-West Lakes Works. —Weir on the Loddon River at its confluence with the Pyramid Creek; regulating weirs at the effluence from the Loddon of the Sheepwash and Washpen Creeks; channel from the Washpen Creek regulator to Reedy Lake, Middle Lake, Third Lake, Lake Charm, Racecourse Lake, Cullens Lake, Kangaroo Lake, and Lake Tutchewop, and to the Little Murray River, with water storage works at these Lakes	26,671	12	10
Kow Swamp Works. —Intake from the River Murray with regulator, at the effluence of the Gunbower Creek; channel thence to the Kow Swamp Reservoir; and that Reservoir; channel along the northern side of the reservoir; channel from the outlet of the reservoir, about 23½ miles, to the left bank of the Loddon River	231,486	13	5
Lake Lonsdale Reservoir. —Reservoir at Lake Lonsdale, on the Little Wimmera River, near Ledcourt	50,207	16	1
Loddon River Works. —Laanecoorie Weir, on the Loddon; Bridgewater Weir, on the Loddon; Kinypaniel Weir, on the Loddon	174,961	0	10
Long Lake Pumping Works. —Inlet to Lake Baker, from the Little Murray River; water storage works at Lake Baker and Long Lake with channel connecting these lakes; pumping plant at Long Lake with rising main thence about 7 miles to allotment 10M, Parish of Kooem; system of main distributory channels about 85 miles in length	27,305	18	5
Lower Wimmera Compensation Works. —Drung Drung Weir on the Wimmera, near allotment 29, Parish of Longereuon; Dimboola Weir, on the Wimmera, near Dimboola township; Antwerp Weir, on the Wimmera at Antwerp Station homestead; Jeparit Weir, on the Wimmera, near Jeparit township	8,663	12	3
	Carried forward ..		
	1,280,451 5 7		
	10,433,337 3 0		

LOAN CAPITAL ACCOUNTS—continued.

C.—HEADWORKS.

IN RESPECT OF IRRIGATION DISTRICTS AND WATERWORKS DISTRICTS.

C.—HEADWORKS.									
IN RESPECT OF IRRIGATION DISTRICTS AND WATERWORKS DISTRICTS.									
Totals as at 30th June, 1962.									
£ s. d.									
10,433,337 3 0									
Brought forward ..									
£ s. d.									
10,433,337 3 0									
5,075,700 0 2									
15,509,037 3 2									
Carried forward ..									

LOAN CAPITAL ACCOUNTS—continued.

LOAN CAPITAL ACCOUNTS—continued.																	Totals as at 30th June, 1962.		
																	£ s. d.		
																	15,509,037 3 2		
																	Brought forward ..		

F.—URBAN DISTRICTS.

1. Allansford	27,963	3	3	9,954	3	3	37,917	7	6	24,180	8	9	13,579	6	9	157	12	0	13,736	18	9
2. Anglesea	30,507	2	1	87,697	3	4	118,204	5	5	116,027	4	11	24	10	1	2,152	10	5	2,177	0	6
3. Antwerp	103,938	14	10	712	13	2	712	13	2	247	6	10	465	6	4	465	6	4	465	6	4
4. Barwon Heads—Ocean Grove	..	..	..	59,036	18	6	162,975	13	4	154,485	12	9	6,868	17	9	1,621	2	10	8,490	0	7
5. Baxter—Pearcedale	..	..	..	21,044	6	3	21,044	6	3	..	..	..	..	..	..	21,044	6	3	21,044	6	3
6. Berriwillock	..	..	..	8,315	8	1	8,315	8	1	2,996	3	11	..	..	..	5,319	4	2	5,319	4	2
7. Berwick	49,216	9	3	29,225	14	0	78,442	3	3	59,828	0	11	12,794	9	0	5,819	13	4	18,614	2	4
8. Beulah	..	..	..	17,190	11	5	17,190	11	5	9,690	14	0	..	..	..	7,499	17	5	7,499	17	5
9. Birchip	..	..	..	19,199	2	9	19,199	2	9	18,512	16	3	..	..	..	686	16	6	686	16	6
10. Birregurra	12,591	2	11	22,811	16	8	35,402	19	7	35,305	16	7	14	16	4	82	6	8	97	3	0
11. Bittern—Orb Point	49,766	2	5	28,742	2	0	78,508	4	5	27,633	18	10	37,793	11	5	13,080	14	2	50,874	5	7
12. Brim	..	..	..	12,846	9	4	12,846	9	4	332	8	6	..	..	..	12,514	0	10	12,514	0	10
13. Bunyip	24,266	0	9	14,992	18	7	39,258	19	4	17,968	6	5	9,749	16	6	11,540	16	5	21,290	12	11
14. Camperdown	57,810	12	4	87,338	0	3	145,148	12	7	130,292	12	9	14,295	14	4	560	5	6	14,855	19	10
15. Carrum Downs	658	16	1	32,114	8	11	32,773	5	0	21,972	10	0	658	16	1	10,141	18	11	10,800	15	0
16. Carwarp	..	..	..	635	19	0	635	19	0	..	..	..	..	..	..	635	19	0	635	19	0
17. Chelsea—Frankston	1,609,563	16	3	681,778	8	5	2,291,342	4	8	1,332,002	6	2	838,342	3	4	120,997	15	2	959,339	18	6
18. Chillingollah	..	..	..	2,889	1	3	2,889	1	3	2,889	1	3	..	..	..	..	..	..	..	..	..
19. Chinkapook	..	..	..	3,564	6	6	3,564	6	6	..	..	..	..	..	..	3,564	6	6	3,564	6	6
20. Cobden	27,536	1	10	34,220	8	0	61,756	9	10	54,450	17	3	6,671	6	9	634	5	10	7,305	12	7
21. Coliban	..	..	..	4,062,382	13	4	4,062,382	13	4	293,199	19	6	..	..	..	3,769,182	13	10	3,769,182	13	10
22. Corop	..	..	..	375	16	10	375	16	10	..	..	..	..	..	..	375	16	10	375	16	10
23. Cranbourne	32,039	7	3	30,766	12	8	62,805	19	1	39,363	13	5	399	16	1	23,042	10	5	23,442	6	6
24. Culgoa	..	..	..	5,808	1	6	5,808	1	6	5,514	3	9	..	..	..	293	17	9	293	17	9
25. Dandenong—Springvale	535,059	9	1	85,448	18	11	620,508	8	0	562,250	8	0	26,434	11	6	31,823	8	6	58,258	0	0
26. Dimboola	..	..	..	23,773	15	2	23,773	15	2	23,773	15	2	..	..	..	..	..	..	..	..	..
27. Dingee	..	..	..	1,865	9	0	1,865	9	0	..	..	..	..	..	..	1,865	9	0	1,865	9	0
28. Doon	..	..	..	685	14	7	685	14	7	685	14	7	..	..	..	..	..	..	..	..	..
29. Dromana—Portsea	1,326,030	10	10	1,293,737	2	7	2,619,924	13	5	1,289,924	4	5	463,015	8	1	866,798	1	2	1,329,813	9	3
30. Drysdale	24,109	19	11	10,304	16	4	34,414	16	3	33,062	15	5	666	19	4	685	1	6	1,352	0	10
31. Eildon	..	..	..	79,266	8	6	79,266	8	6	72,266	8	6	..	..	..	7,000	0	0	7,000	0	0
32. Elphinstone	..	..	..	6,922	8	9	6,922	8	9	..	..	..	..	..	..	6,922	8	9	6,922	8	9
33. Garfield	16,134	2	2	4,833	14	1	20,967	16	3	16,421	19	7	2,842	6	0	1,703	10	8	4,545	16	8
34. Gunbower	..	..	..	14,867	14	8	14,867	14	8	13,985	3	4	..	..	..	882	11	4	882	11	4
35. Hampton Park	..	..	..	36,418	0	2	36,418	0	2	..	..	..	..	..	..	36,418	0	2	36,418	0	2
36. Hastings	54,091	4	8	23,307	9	4	77,398	14	0	54,248	13	10	19,164	16	4	3,985	3	10	23,150	0	2
37. Heyfield	..	..	..	56,633	15	0	56,633	15	0	42,463	15	0	..	..	..	14,170	0	0	14,170	0	0
38. Hopetoun	..	..	..	38,365	6	2	38,365	6	2	27,465	3	4	..	..	..	10,900	2	10	10,900	2	10
39. Indented Heads—St. Leonards	30,000	0	0	83,442	5	0	113,442	5	0	..	..	..	30,000	0	0	83,442	5	0	113,442	5	0
40. Jeparit	..	..	..	14,464	10	2	14,464	10	2	14,464	10	2	..	..	..	..	..	..	..	..	..
41. Jung Jung	..	..	..	7,358	11	6	7,358	11	6	..	..	..	..	..	..	7,356	19	0	7,356	19	0
42. Koondrook	..	..	..	10,222	15	0	10,222	15	0	..	..	..	..	..	..	10,222	15	0	10,222	15	0
43. Lake Boga	..	..	..	7,734	5	1	7,734	5	1	95	11	3	..	..	..	7,638	13	10	7,638	13	10
44. Lalbert	..	..	..	7,243	2	9	7,243	2	9	95	17	10	..	..	..	7,147	4	11	7,147	4	11
45. Lascelles	..	..	..	5,529	9	4	5,529	9	4	16	10	2	..	..	..	5,512	19	2	5,512	19	2
46. Leitchville	..	..	..	7,483	6	6	7,483	6	6	7,077	1	6	..	..	..	406	5	0	406	5	0
47. Leopold	11,823	14	1	3,080	1	7	14,903	15	8	14,597	16	11	11	19	5	293	19	4	305	18	9
48. Lockington	..	..	..	8,200	0	11	8,200	0	11	7,528	8	7	..	..	..	671	12	4	671	12	4
49. Longwarry	53,560	5	9	7,263	14	7	60,824	0	4	34,817	13	9	25,949	14	9	56	11	10	26,006	6	7
50. Macorna	..	..	..	2,423	13	5	2,423	13	5	..	..	..	..	..	..	2,423	13	5	2,423	13	5
51. Manangatang	..	..	..	11,424	17	4	11,424	17	4	1,635	6	3	..	..	..	9,789	11	1	9,789	11	1
52. Marnoo	..	..	..	4,300	2	5	4,300	2	5	2,373	0	8	..	..	..	1,927	1	9	1,927	1	9
53. Marong	..	..	..	4,714	0	8	4,714	0	8	21	11	7	..	..	..	4,692	9	1	4,692	9	1
54. Merbein	..	..	..	31,515	5	1	31,515	5	1	31,398	13	7	..	..	..	116	11	6	116	11	6

Carried forward ...

LOAN CAPITAL ACCOUNTS—continued.

Totals as at 30th June, 1962.

£ s. d.
92,748,151 6 9

Brought forward ..

Name of District.	Loan Capital Liability.			Allotted to District.			Capital Expenditure borne by the State Account.		
	Headworks.		Total.	Distributory Works.		Total.	Headworks.		Total.
	£	s. d.		£	s. d.		£	s. d.	
56. Meringur ..	..	..	4,568 0 1	..	..	4,563 14 9	..	..	4,563 14 9
57. Minyip ..	..	..	14,294 17 3	..	..	1,496 16 5	..	..	1,496 16 5
58. Mitiamo ..	..	..	4,557 6 6	..	..	4,557 6 6	..	..	4,557 6 6
59. Mornington ..	504,072 1 2	..	288,275 19 1	..	..	39,546 16 4	274,366 1 5	..	313,912 17 9
60. Murrabit ..	..	..	1,382 0 8	..	..	1,382 0 8	..	..	1,382 0 8
61. Nandaly ..	..	..	2,661 6 1	..	..	2,658 1 9	..	..	2,658 1 9
62. Nar Nar Goon and Tynong ..	9,735 11 11	..	57,501 5 9	..	..	57,501 5 9	9,735 11 11	..	67,236 17 8
63. Narre Warren ..	..	..	20,706 3 3	..	..	20,706 3 3	..	..	20,706 3 3
64. Natimuk ..	..	..	5,642 17 10	..	..	314 4 9	..	..	314 4 9
65. Newstead ..	..	..	18,950 3 11	..	..	17,186 10 1	..	..	17,186 10 1
66. Nullawill ..	..	..	3,904 16 4	..	..	3,639 0 8	..	..	3,639 0 8
67. Nyah ..	..	..	1,596 14 1	..	..	1,596 14 1	..	..	1,596 14 1
68. Nyah West ..	..	..	9,112 5 1	..	..	3 5 0	..	..	3 5 0
69. Officer ..	8,311 17 0	..	25,541 3 9	..	..	3,790 3 3	6,705 13 8	..	10,495 16 11
70. Ouyen ..	..	..	58,544 8 8	..	..	43,582 19 1	..	..	43,582 19 1
71. Pakenham ..	42,029 2 6	..	63,412 7 0	..	..	14,183 6 2	680 0 8	..	14,863 6 10
72. Patcheswollock ..	..	..	4,548 1 0	..	..	4,546 8 6	..	..	4,546 8 6
73. Pimpil ..	..	..	8,859 13 7	..	..	8,859 13 7	..	..	8,859 13 7
74. Pimpinio ..	..	..	7,235 2 11	..	..	7,235 2 11	..	..	7,235 2 11
75. Portarlington ..	36,082 5 0	..	52,118 1 2	..	..	6,687 7 2	1,214 11 6	..	7,901 18 8
76. Pyramid Hill ..	..	..	12,345 13 8	..	..	1,276 17 1	..	..	1,276 17 1
77. Quambatook ..	..	..	8,390 6 9	..	..	596 13 7	..	..	596 13 7
78. Queenscliff and Point Lonsdale ..	98,360 8 1	..	68,057 18 2	..	..	774 3 4	6,550 8 10	..	7,324 12 2
79. Rainbow ..	..	..	16,362 11 7	..	..	2,110 8 10	..	..	2,110 8 10
80. Red Cliffs ..	..	..	86,823 10 7	..	..	273 5 1	..	..	273 5 1
81. Robinvale ..	..	..	32,485 1 7	..	..	9,063 15 9	..	..	9,063 15 9
82. Rupanyup ..	..	..	16,363 3 7	..	..	1,704 16 11	..	..	1,704 16 11
83. Sea Lake ..	..	..	47,983 16 7	..	..	16,776 3 5	..	..	16,776 3 5
84. Somerville ..	24,321 2 6	..	8,040 6 7	..	..	3,363 19 5	5,085 14 3	..	8,449 13 8
85. South Frankston ..	206,713 7 3	..	392,965 6 11	..	..	42,992 1 11	102,104 7 6	..	145,096 9 5
86. Speed ..	..	..	3,456 15 3	..	..	3,455 17 6	..	..	3,455 17 6
87. Stanhope ..	..	..	15,432 2 3	..	..	790 0 7	..	..	790 0 7
88. Tallygaropna ..	..	..	4,058 15 1	..	..	..	..	..	..
89. Tempy ..	..	..	2,763 12 4	..	..	2,746 9 9	..	..	2,746 9 9
90. Terang ..	32,198 1 10	..	35,929 12 6	..	..	2,656 15 11	6,671 6 9	..	9,328 2 8
91. Torquay ..	54,992 17 1	..	39,424 3 10	..	..	2,356 14 9	58 2 7	..	2,414 17 4
92. Tyabb ..	12,220 15 4	..	24,416 7 2	..	..	1,694 1 1	9,315 19 9	..	11,010 0 10
93. Ultima ..	..	..	12,041 18 6	..	..	12,025 5 0	..	..	12,025 5 0
94. Watchie ..	..	..	2,522 17 8	..	..	2,522 17 8	..	..	2,522 17 8
95. Walpeup ..	..	..	3,987 13 0	..	..	3,963 9 7	..	..	3,963 9 7

[illegible]

G.—FLOOD PROTECTION DISTRICTS.

[illegible]

H.—DRAINAGE DISTRICT.

[illegible]

LOAN CAPITAL ACCOUNTS—continued.

Totals as at 30th June, 1962.

£ s. d.
108,023,962 18 2

Brought forward ..

WORKS UNDER GENERAL SUPERVISION OF COMMISSION.

I.—WATERWORKS TRUSTS AND LOCAL GOVERNING BODIES.

	£	s.	d.	£	s.	d.
Waterworks Trusts, First Mildura Irrigation, and Local Loan Liability	..	..	..	10,502,573	2	1
Amounts Written Off and Free Grants to Local Authorities as at 30th June, 1961. (For details see Annual Report for year 1960-61)	..	4,886,158	16 9			
Under Act 1960, No. 6708. Amounts transferred to State Account £133,632 15s. 4d.; Grants to Local Authorities £2,430 0s. 0d.	..	136,062	15 4			
Under Act 1961, No. 6820. Amounts transferred to State Account £116,654 17s. 4d.; Grants to Local Authorities £11,451 0s. 0d.	..	128,105	17 4			
	5,150,327	9 5				
Less Repayments to State Loans Repayments Fund ..	41	10 0		5,150,285	9 5	

15,652,859 1 6

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J.—RIVER IMPROVEMENT TRUSTS.

River Improvement Trusts and other Public Authorities pursuant to Part IV. of the <i>River Improvement Act 1948</i>	194,138	18 6	
Amounts Borne by the State Account as at 30th June, 1961	..	1,113,823	18 4			
Under Act 1960, No. 6708. Amounts Transferred to State Account	..	52,718	18 4			
Under Act 1961, No. 6820. Amounts Transferred to State Account	..	40,370	17 0			
				1,206,913	13 8	

1,401,052 12 2

K.—LATROBE VALLEY.

Works of Water Supply	..	..	..	4,812,467	19 0	
Under Act 1960, No. 6708. Amounts transferred to State Account	..	3,090	13 8			
Under Act 1961, No. 6820. Amounts transferred to State Account	..	1,691	9 0	4,782	2 8	

4,817,250 1 8

Grand Total Net Loan Liability (Exclusive of Equity In National Debt Sinking Fund)

129,895,124 13 6

SUMMARY STATEMENT OF LOAN CAPITAL ACCOUNTS AS AT 30th JUNE, 1962.

Reference to Preceding Statements.	Works.	Capital Works and Charges and State Works of Water Supply.		Headworks.		Distributory Works.		Total Loan Capital Expenditure.		Deduct Redemption and Repayments.		Net Loan Capital Liability.		At Debit of Authorities and Borne by Districts.		Capital Expenditure Borne by the State.	
		£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
A	Capital Works and Charges	10,090,048	8 0	..	..	..	..	10,090,048	8 0	937,162	10 7	9,152,885	17 5	1,621,424	10 4	7,531,461	7 1
B	State Works of Water Supply	1,284,329	2 4	..	..	..	..	1,284,329	2 4	3,877	16 9	1,280,451	5 7	..	..	1,280,451	5 7
C	Headworks Costs not yet apportioned	..	..	..	..	..	..	5,094,705	14 3	19,005	14 1	5,075,700	0 2	..	..	5,075,700	0 2
D	Irrigation and Water Supply Districts	..	..	5,094,705	14 3	..	..	70,580,049	15 6	2,513,431	10 5	68,066,618	5 1	189,525	0 0	67,877,093	5 1
E	Waterworks Districts	..	..	49,422,912	12 6	21,157,137	3 0	9,309,990	5 5	137,494	6 11	9,172,495	18 6	806,456	14 4	8,366,039	4 2
F	Urban Districts	..	..	5,781,974	1 10	3,528,016	3 7	14,635,243	18 5	693,039	8 5	13,942,204	10 0	6,481,869	15 6	7,460,334	14 6
G	Flood Protection Districts	..	..	5,167,155	17 7	9,468,088	0 10	855,582	17 11	10,317	7 8	845,265	10 3	..	..	845,265	10 3
H	Drainage District	..	..	..	..	490,848	19 11	490,848	19 11	2,507	8 9	488,341	11 2	181,573	14 2	306,767	17 0
I	Total Works under control of Commission	11,374,377	10 4	65,466,748	6 2	35,499,673	5 3	112,340,799	1 9	4,316,836	3 7	108,023,962	18 2	9,280,849	14 4	98,743,113	3 10
J	Waterworks Trusts and Local Governing Bodies	..	..	..	..	..	..	17,130,046	2 5	1,477,187	0 11	15,652,859	1 6	10,502,573	2 1	5,150,285	19 5
K	River Improvement Trusts	..	..	..	..	..	..	1,403,447	18 9	2,395	6 7	1,401,052	12 2	194,138	18 6	1,206,913	13 8
	Latrobe Valley	..	..	..	..	..	..	4,900,461	17 2	83,211	15 6	4,817,250	1 8	4,812,467	19 0	4,782	2 8
		..	..	..	..	..	..	135,774,755	0 1	5,879,630	6 7	129,895,124	13 6	24,790,029	13 11	105,105,094	19 7

RECONCILIATION STATEMENT.

COUNTRY WATER SUPPLY AND STATE DEVELOPMENT ACCOUNTS IN THE BOOKS OF THE TREASURY WITH THE CAPITAL ACCOUNTS IN THE BOOKS OF THE COMMISSION AS AT 30th JUNE, 1962.

Net Loan Liability as per Treasurer's Finance Statement (page 97)		Total.		Water Supply.		State Development Account.	
Add—		£		£		£	
Cost of Geelong Works "Finance" (page 98)	..	118,582,691		0 2		95,188,367	
National Debt Sinking Fund contributions from Consolidated Revenue pursuant to the provisions of the <i>Commonwealth and State Financial Agreement Act 1927</i> , No. 3554, as amended by Act No. 5051, 1944. "Finance" (page 97). (These amounts not credited to Districts and Works excepting recoup contributions shown below)	..	119,466		2 2		119,466	
National Debt Sinking Fund contributions in respect of Geelong Works. "Finance" (page 98)	..	12,294,944		11 0		9,936,317	
	..	45,556		12 6		45,556	
Less—		131,042,658		5 10		105,289,707	
Redemption recoup contributions paid into Consolidated Revenue by Commission Districts and Works, Waterworks Trusts, &c...	..	1,147,533		12 4		..	
Adjustments required in the books of the Treasury—Sewerage Authorities £163,006 13s. 5d.; Cohuna Waterworks Trust £1,606 0s. 0d.; Eildon Urban District £20,000 0s. 0d.	..	129,895,124		13 6		105,289,707	
Totals of Amounts at Debit of Authorities and Districts and the Capital Expenditure Borne by the State Account in the books of the Commission	..	129,895,124		13 6		105,105,094	

CONTRACTS.

STATEMENT OF CONTRACTS ENTERED INTO DURING THE YEAR ENDED 30TH JUNE, 1962.

No.	Name of Contractor.	Work and Supply.	Amount.
			£
3587	M. Diedrichkiet	Erection of Residence No. 64R at Dhurringile	4,084
3588	Roche Bros. Pty. Ltd.	Construction of reinforced concrete pipe subways under Central Goulburn No. 9 Channel	14,740
3589	I. Galesev	Erection of S.N.2 type residence at Maffra	3,885
3590	R. T. Burrage	Erection of S.N.2 type residence at Lake Boga	4,170
3591	Kelly and Lewis Pty. Ltd.	Supply, delivery and installation of Pumps at Eppalock Dam	62,306
3592	Roche Bros. Pty. Ltd.	Supply and delivery of crushed rock to Eppalock Dam	33,000
3593	M. Diedrich	Completion of S.N.2 type residence at Kerang	897
3594	H. P. Bowie	Erection of S.N.1 type residence at Maffra	3,200
3595	J. Bennett	Construction of pipe chute between Geelong Waterworks Channel and Werribee River	2,023
3596	Food Machinery (Aust.) Ltd.	Manufacture and delivery of Guard Gates for Eppalock Dam	27,445
3597	Marfleet and Weight Ltd.	Manufacture and delivery of embedded metalwork for Eppalock Dam	5,253
3598	C. V. McDonald	Construction and enlarging of Channels at Boort	22,259
3599	H. A. Anthony Pty. Ltd.	Construction of relocated Main Drain at Deakin	12,254
3600	S. A. Chapman	Construction of part of Portarlinton-Indented Heads Pipeline	2,763
3601	Singlines Constructions	Delivery of 500,000 yards of Earthfill to Eppalock Dam	96,007
3602	A. D. Hillgrove (Const.) Pty. Ltd.	Construction of storage at Beulah	4,075
3603	A. D. Hillgrove (Const.) Pty. Ltd.	Remodelling portion of East Goulburn Channel	36,082
3604	A. A. Kyffin	Construction work on Main Drain at Deakin	2,169
3605	J. Otter Fencing Pty. Ltd.	Construction of wire fences around the Commission's installations in the Mornington Peninsula District	8,169
3606	Hoare and Kennedy Pty. Ltd.	Construction of the Otway Supplementary Pipeline	15,643
3607	A. J. Young (Const.) Pty. Ltd.	Erection of S.N.2 type residence at Berwick	3,733
3608	Wm. Loud Pty. Ltd.	Earthworks, paving &c. of Laboratory area	3,148
3609	Peter McBride and Co.	Construction of brick pump house at Carpendeit	3,781
3610	Ruddy Bros.	Improvement of waterway of the Tullah Creek	10,802
3611	C. C. Perkins	Clearing of area along Bunyip Main Drain	1,168
3612	W. K. Murphy	Alterations to residence No. 784 at 94 Orrong-road, Armadale	384
3613	W. K. Murphy	Alterations to residence No. 781 at 92 Orrong-road, Armadale	541
3614	Utility Cleaning Co. Pty. Ltd.	Cleaning of Offices and Laboratory at 90 Orrong-road, Armadale	12,360
3615	C. R. Bullinger & Sons	Erection of accommodation and toilet facilities at Hopetoun	2,930
3616	B. & L. Builders Pty. Ltd.	Erection of residence in South Shepparton Irrigation Area	4,799
3617	Janus Constructions Pty. Ltd.	Construction of Ford between Bunyip Main Canal and Yallock Outfall	15,604
3618	M. Diedrich	Erection of residence No. 783 at Murtoa	5,399
3619	B. N. Fielder	Erection of S.N.2 type residence at Frankston	4,071
3620	D. M. Brown	Construction of subways on the Central Goulburn Channel	6,549

ESTIMATES, 1962-63.
PROPOSED DISBURSEMENTS.

	Estimated Requirements.	Amount Provided in Budget.
	£	£
Salaries and Payments in the nature of Salary*	2,128,000	2,046,375
General Expenses*	550,000	517,550
Coliban Works	79,000	72,000
Irrigation Districts	1,020,000	895,000
Waterworks Districts	526,500	430,000
Flood Protection and Carrum Drainage Districts	42,500	38,000
Removal of Sand Drift	85,000	70,000
River Murray Works—Contribution by State	124,550	96,550
Subsidies to Waterworks Trusts, Local Governing Bodies and River Improvement Trusts where Interest is in excess of 3 per cent. on Loans raised under Act No. 6413	25,000	20,000
Subsidies to Waterworks Trusts and Local Governing Bodies to enable a reduction of 33½ per cent. to be made in Water Rates	600	600
Subsidies to Waterworks Trusts and Local Governing Bodies to limit the maximum Water Rate to 3s. 6d. in the Pound, N.A.V.	6,400	6,400
Total—Water Supply	4,587,550	4,192,475
Subsidies to Sewerage Authorities in cases where the interest paid on capital liability is in excess of the rate of 3 per cent.	240,000	240,000
Grand Total	4,827,550	4,432,475

* To be apportioned over the Districts and Works.

ESTIMATED RECEIPTS.

	Amount Provided in Budget.
	£
Coliban Works	200,000
Irrigation Districts	1,800,000
Waterworks Districts	475,000
Urban Districts	655,000
Flood Protection and Carrum Drainage Districts	63,000
Sewerage Districts	7,000
Other	180,000
Recoup on account of amounts paid from Revenue in connexion with River Murray Commission, Loan Works, &c.	920,000
Sub-Total	4,300,000
<i>Add</i> Estimated Receipts to meet Interest and Redemption—	£
Waterworks Trusts and Other Corporations	452,500
Plant and Machinery and Land	64,500
	517,000
Totals—Water Supply	4,817,000

Estimated amount available from Revenue of Commission—

 “Paying” Districts to meet Interest £200,000

APPENDIX A.
RETURN OF WATER DELIVERED FOR IRRIGATION.
YEAR 1961-62.

Name of District, Area, etc.	Water Assign- ment Measured at District Boundaries.	Gross Supply District Offtakes (excluding volumes passed to other Districts).	Total Water Rights Allotted to District.	Users in District.			Total Delivered in District.	Users Outside District from District Channels.	Total Delivered.	Users Outside District from Main Channels and Natural Streams.
				Under Water Rights.	Sales of Water.	Domestic and Stock Purposes.				
GOULBURN-LODDON SYSTEM	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.
(Main Eastern Channel.)										
South Shepparton	12,000	16,815	12,353	10,808	2,692	378	13,878	..	13,878	..
Shepparton	51,000	45,664	26,191	24,237	5,867	733	30,837	224	31,061	..
North Shepparton	44,000	(c) 83,523	30,460	26,157	22,435	1,489	50,081	128	50,209	..
Katandra	13,000	27,961	11,890	11,429	4,833	643	16,905	..	16,905	..
Totals	120,000	173,963	80,894	72,631	35,827	3,243	111,701	352	112,053	..
(Western.)										
Rodney	232,000	314,691	127,754	121,737	68,075	(b) 6,657	196,469	(a) 1,488	197,957	..
Tongala-Stanhope	116,000	158,820	59,881	59,417	38,322	2,999	100,738	863	101,601	..
Deakin	23,000	25,883	7,647	7,374	10,919	933	19,226	2	19,228	..
Rochester	147,000	179,975	58,425	57,764	61,373	4,053	123,190	1,033	124,223	..
Dingee	9,000	11,694	4,522	4,523	4,058	299	8,880	(b) 181	9,061	..
Calivil	21,000	35,152	7,941	7,911	15,990	677	24,578	..	24,578	322
Tragowel Plains	97,000	125,737	31,721	32,346	40,745	1,572	74,663	151	74,814	..
Boort	35,000	59,712	21,853	21,524	18,111	1,300	40,935	405	41,340	..
Loddon	(i)	1,196	..	..	..	284	284	..	284	..
East Loddon	(i)	1,837	..	..	1,098	358	1,456	..	1,456	..
West Loddon	(i)	6,725	..	..	5,559	496	6,055	..	6,055	..
Totals	680,000	921,422	319,744	312,596	264,250	19,628	596,474	4,123	600,597	322
Goulburn Grand Totals	800,000	1,095,385	400,638	385,227	230,077	22,871	708,175	4,475	712,650	322
MURRAY SYSTEM—										
(Yarrawonga Weir.)		(d)		(g)						
Murray Valley	276,000	313,582	115,986	111,928	72,821	6,032	190,781	174	190,955	..
(Torrumbarry Weir.)										
Cohuna	122,000	153,059	49,839	49,548	38,800	2,888	91,236	108	91,344	..
Koondrook	70,000	88,835	24,836	24,376	20,004	1,686	46,066	1,282	47,348	..
Kerang	71,000	66,209	21,997	21,804	21,757	1,507	45,068	1,089	46,157	..
Third Lake	6,000	10,666	2,586	2,525	1,774	161	4,460	29	4,489	..
Mystic Park	7,000	12,159	2,859	2,859	2,203	303	5,365	369	5,734	..
Tresco	8,000	6,580	3,608	3,074	237	38	3,349	..	3,349	..
Fish Point	5,000	4,884	1,845	1,791	673	103	2,567	..	2,567	..
Swan Hill	63,000	67,361	28,083	27,249	11,530	1,706	40,485	189	40,674	..
Pental Island Private Diversions .. .. .	..	..	..	..	..	..	..	..	..	5,654
Kerang Private Diversions .. .. .	..	..	..	..	..	..	..	..	..	1,814
Kerang N.W. Lakes Private Diversions .. .. .	..	..	..	..	..	..	..	..	..	6,883
Upper Gunbower Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	..	9,142
Lower Gunbower Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	..	11,096
Taylor's Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	..	2,078
Kow Swamp Private Diversions .. .. .	..	..	..	..	..	..	..	..	..	3,210
Pyramid Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	..	5,367
Torrumbarry Weir Total	352,000	409,753	135,653	133,226	96,978	8,392	238,596	3,066	241,662	45,244
(Pumped from River Murray.)										
Nyah	12,000	10,554	7,101	6,905	404	86	7,395	(b) 60	7,455	..
Robinvale	21,000	15,286	14,153	12,620	* 1,073	..	13,693	..	13,693	..
Red Cliffs	50,000	35,786	34,519	30,380	1,625	..	32,005	210	32,224	..
Merbein	33,000	28,023	24,032	22,429	1,290	67	23,786	..	23,786	..
Totals	116,000	89,649	79,805	72,334	4,392	153	76,879	279	77,158	..
First Mildura Trust	(i)	47,830	45,927	29,666	16,053	180	45,899	83	45,982	..
Murray Grand Totals	744,000	860,814	377,371	347,154	190,244	14,757	552,155	3,602	555,757	45,244
CAMPASPE SYSTEM—										
Coliban .. .. .	..	31,182	..	..	(e) 11,030	17	11,047	..	11,047	..
Campaspe	(i)	2,785	..	..	991	151	1,142	13	1,155	..
Totals .. .. .	..	33,967	..	..	12,021	168	12,189	13	12,202	..
WERRIBEE SYSTEM—										
Bacchus Marsh	(i)	13,651	3,297	3,250	4,461	..	7,711	(b) 1,199	8,910	..
Werribee	12,000	19,929	8,082	8,082	5,198	..	13,280	(b) 362	13,642	..
Totals	12,000	33,580	11,379	11,332	9,659	..	20,991	1,561	22,552	..
MACALISTER SYSTEM—										
Macalister	(i)	165,227	57,673	53,590	32,206	2,954	88,750	(b) 892	89,642	..
WIMMERA SYSTEM—										
Quantong, Riverside, Burnlea, Haven, &c. .. .. .	..	25,733	..	..	17,349	..	17,349	..	17,349	..
PRIVATE DIVERSIONS (not included above) .. .. .	..	..	..	..	..	..	..	..	..	288,755
GRAND TOTALS	1,556,000	2,214,706	847,061	797,303	561,556	40,750	1,399,609	10,543	1,410,152	334,321
										1,744,473

(a) Includes Waterworks Trust ; (b) Includes Urban Districts ; (c) Includes 1,611 acre feet outfall to Broken Creek ; (d) Includes 8,959 acre feet outfall to Broken Creek ; (e) Includes 259 acre feet for mining ; (f) Includes 182,966 acre feet supplementary sales ; (g) Includes 44,796 supplementary sales and 446 acre feet " out of season " sales ; (h) Includes 48,610 acre feet supplementary sales ; (i) Not expressed in acre feet ; (j) Not including Campaspe, Bacchus Marsh, Macalister, Mildura, Loddon, East Loddon and West Loddon.

* Includes 629 acre feet sales at special rates.

Total supplementary supply to Wimmera-Mallee for period 1st July, 1961 to 30th June, 1962 :—

	Acre feet.
From Waranga Western Channel	492
From Loddon River .. .. .	..
Total	492

APPENDIX B.

LANDS UNDER IRRIGATED CULTURE.

EXTENT OF IRRIGATION AND AREAS WATERED—1961-62.

Name of District, Area, &c.	Total Area of Holdings in Irrigation Districts, in Acres.	Area classified as Irrigable within Constituted Districts, in Acres.	Water Rights Apportioned (including Extra Water Rights) (Acre Feet).	Area Irrigated, including Lands adjoining a District, in Acres.										
				Total	Cereals.	Lucerne Grown for Pasture and Hay.	Sorghum and other Annual Fodder Crops.	Pastures.			Vineyards.	Orchards.	Market Gardens.	Fallow and Miscellaneous.
								Native.	Annual.	Perennial.				
GOULBURN-LODDON SYSTEM.														
Katandra	15,506	12,787	11,890	9,553	98	55	47	..	2,340	7,013	..	..	..	..
North Shepparton	128,211	79,020	30,460	40,842	649	1,365	601	1,793	23,953	9,484	4	2,381	22	590
Shepparton	25,233	23,306	26,191	20,066	74	96	61	571	4,292	4,581	158	9,380	312	541
South Shepparton	41,875	21,958	12,353	11,948	50	323	233	153	8,160	2,564	2	300	31	132
Rodney	273,776	208,097	127,754	130,213	1,102	7,798	1,393	1,055	54,935	51,451	145	9,176	3,008	150
Tongala-Stanhope	76,126	66,421	59,881	51,007	463	273	159	2,665	16,746	29,560	..	961	78	102
Rochester	181,778	57,039	58,425	79,086	979	2,528	405	2,337	37,064	34,940	..	492	129	212
Dingee	8,889	4,456	4,522	4,574	12	4	18	90	1,243	3,207	..	..	..	..
Calivil	61,140	32,534	7,941	18,070	1,040	719	644	944	9,115	5,202	..	..	36	370
Tragowel Plains	218,204	148,734	31,721	79,051	7,258	620	3,905	12,263	46,674	7,873	..	3	..	455
Deakin	161,045	21,040	7,647	13,217	868	443	132	66	8,444	3,064	..	38	15	147
Boort	97,732	61,346	21,853	40,822	3,763	2,065	1,363	2,470	24,631	2,895	..	..	..	3,635
East Loddon .. .. .	..	..	..	1,622	100	224	..	100	1,054	144	..	..	..	..
West Loddon .. .. .	..	..	..	6,394	548	1,219	32	..	1,232	339	..	..	4	3,020
Totals	1,289,515	737,338	400,638	506,465	17,004	17,732	8,993	24,507	239,883	162,317	309	22,731	3,635	9,354
RIVER MURRAY SYSTEM.														
(a) Torrumbarry Weir.														
Cohuna	85,291	44,643	49,839	67,179	859	355	443	11,994	18,379	34,285	..	..	4	860
Koordrook	88,161	24,572	24,836	44,796	1,292	462	1,124	1,220	33,003	6,630	..	471	163	431
Swan Hill	37,200	26,262	28,083	21,465	151	794	24	247	4,402	11,241	2,958	497	1,102	49
Third Lake	11,484	3,771	2,586	4,710	47	270	5	..	4,224	160	2	2	..	..
Mystic Park	19,266	8,039	2,859	4,778	541	362	54	1,015	1,885	376	54	..	5	486
Tresco	4,652	1,748	3,608	1,531	..	..	..	..	..	41	1,212	255	23	..
Fish Point	6,328	3,756	1,845	3,094	58	132	70	410	1,980	436	8	..	..	..
Kerang	88,630	55,794	21,997	43,825	2,000	800	1,046	8,031	23,162	7,932	..	2	..	762
Kerang North-West Lakes .. .. .	..	..	..	8,001	668	557	123	703	5,207	219	..	512	..	12
Private Diversions .. .. .	..	..	..	35,406	1,426	879	456	2,344	18,677	10,532	53	165	13	861
Totals	341,012	168,585	135,653	234,785	7,132	4,611	3,345	25,964	110,919	71,852	4,287	1,904	1,310	3,461
(b) Yarrowonga Weir.														
Murray Valley	274,155	207,079	115,986	110,503	1,276	7,064	1,216	2,668	58,923	32,648	41	5,689	499	479
(c) Direct from River by Pumping.														
Nyah	3,833	2,591	7,101	2,947	..	..	..	250	57	255	1,976	185	180	44
Red Cliffs	13,611	11,308	34,519	11,705	..	40	..	25	..	60	10,920	580	80	..
Merbein	9,233	7,703	24,032	8,382	..	107	16	25	91	132	7,133	859	19	..
Robinvale	9,084	5,631	13,874	4,812	..	..	..	..	..	4,167	645	..	..	..
Totals	35,761	27,233	79,526	27,846	..	147	16	300	148	447	24,196	2,269	279	44
(d) First Mildura Trust														
.. .. .	45,000	15,000	..	14,132	..	202	190	..	..	..	12,400	760	..	580
River Murray System Totals														
.. .. .	695,928	417,897	331,165	387,266	8,408	12,024	4,767	28,932	169,990	104,947	40,924	10,622	2,088	4,564
OTHER NORTHERN SYSTEMS.														
Coliban .. .. .	..	11,000	..	9,968	52	288	..	611	898	4,586	..	2,961	572	..
Campaspe	19,735	..	..	1,250	251	375	..	85	269	254	..	..	16	..
Western Wimmera .. .. .	..	5,760	..	5,964	..	647	..	..	159	4,533	..	495	130	..
Wimmera United .. .. .	..	1,170	..	966	..	313	..	..	..	648	..	..	5	..
Totals	19,735	17,930	..	18,148	303	1,623	..	696	1,326	10,021	..	3,456	723	..
SOUTHERN SYSTEMS.														
Bacchus Marsh	6,682	3,286	3,297	3,529	..	356	..	136	..	2,127	..	338	562	10
Werribee	9,661	8,084	8,082	8,276	62	442	..	..	..	3,674	..	278	3,820	..
Maffra-Sale	76,026	46,394	33,906	35,659	38	114	349	1,781	1,638	31,517	..	..	205	17
Central Gippsland	54,429	35,519	23,767	23,044	32	439	199	862	668	20,835	..	..	3	6
Mornington Peninsula .. .. .	..	..	..	1,031	..	..	..	..	..	..	..	..	910	121
Bellarine Peninsula .. .. .	..	..	..	286	..	..	..	..	..	..	..	..	194	92
Totals	146,798	93,283	69,052	71,825	132	1,351	548	2,779	2,306	58,153	..	616	5,694	246
Other Private Diversions throughout the State														
.. .. .	..	..	..	134,196	1,739	8,523	2,160	12,591	7,772	74,210	3,330	5,246	10,057	8,568
Grand Totals 1961-62	2,151,976	1,266,448	800,855	1,117,900	27,586	41,253	16,468	69,505	421,277	409,648	44,563	42,671	22,197	22,732
Grand Totals 1960-61	2,151,727	1,244,909	731,289	986,005	7,688	39,328	9,901	65,914	349,800	388,169	44,817	40,269	21,726	18,444

AREA IRRIGATED—1957-58 TO 1961-62—ACRES.

Source of Supply.	1957-58.	1958-59.	1959-60.	1960-61.	1961-62.
Goulburn-Loddon System	424,815	406,757	475,930	432,207	506,465
River Murray System	374,626	349,607	390,123	366,643	387,266
Other Northern Systems	37,934	37,977	15,830	15,691	18,148
Southern Systems	63,475	69,837	68,193	63,293	71,825
Private Diversions	100,950	101,588	102,706	108,221	134,196
Totals	1,001,800	965,768	1,052,782	986,055	1,117,900

ERRATA, APPENDIX B.

In last year's Annual Report, the areas irrigated by private diverters in the Torrumbarry System in 1960-61 were incorrectly shown, with consequent errors in the Torrumbarry System totals, River Murray totals and Victorian totals.

The correct figures are as follows :—

									Torrumbarry System.		River Murray System.	Total Victoria.
									Diverters.	Total.		
Cereals	..	..	..	..	..	..	..	..	395	3,417	3,517	7,688
Lucerne	..	..	..	..	..	..	..	..	762	4,046	12,482	39,328
Sorghum, &c.	..	..	..	..	..	..	..	..	411	2,752	3,349	9,901
Pastures—												
Native	..	..	..	..	..	..	..	..	1,903	32,335	33,954	65,914
Annual	..	..	..	..	..	..	..	..	19,666	94,498	152,173	349,800
Perennial	..	..	..	..	..	..	..	..	8,614	69,863	104,481	388,169
Vineyards	..	..	..	..	..	..	..	..	37	5,192	41,464	44,817
Orchards	..	..	..	..	..	..	..	..	174	978	9,021	40,269
Market Gardens	..	..	..	..	..	..	..	..	83	942	1,875	21,726
Fallow, &c.	..	..	..	..	..	..	..	..	1,487	3,200	4,327	18,443
Totals	..	..	..	..	..	..	..	..	33,532	217,223	366,643	986,055

APPENDIX C.

WATER DELIVERED TO DOMESTIC AND STOCK SYSTEMS, 1961-62.

Districts.								Quantity.	Total.
								Acre feet.	Acre feet.
Wimmera-Mallee System—									
Rocklands System	..	..	..	..	..	..	..	31,553	
Wimmera River and Storages	..	..	..	..	..	..	..	76,911	
Loddon and Goulburn Water	..	..	..	..	..	..	..	1,290	
Goulburn and Loddon—									109,754*
Normanville (Loddon and Goulburn)	..	..	..	..	..	..	..	1,148	
West Loddon (Loddon and Goulburn)	..	..	..	..	..	..	..	6,055†	
East Loddon (Goulburn)	..	..	..	..	..	..	..	1,456‡	
Loddon (Loddon)	..	..	..	..	..	..	..	284‡	
River Murray—									8,943
Millewa (Cullulleraine Pump)	..	..	..	..	..	..	..	8,240	
Tyntynder North (Robinvale Pump)	..	..	..	..	..	..	..	885	
Millewa (Yelta Area)	..	..	..	..	..	..	..	1,914‡	
Millewa (Carwarp Area)	..	..	..	..	..	..	..	1,319	12,358
Grand Total	..	..	..	..	..	..	..	..	131,055

* Detailed statement of Wimmera-Mallee System hereunder.

† Measured at headworks or pumping stations.

‡ Includes sales of water for irrigation.

WIMMERA-MALLEE DOMESTIC AND STOCK SUPPLY SYSTEM.

WATER SUPPLIED FROM HEADWORKS.

Year.		Rocklands System.	Lake Lonsdale and Fyans Lake. Acre Feet, Gauged at Glenorchy.	Wimmera River. Acre Feet, Gauged at Glenorchy.	Taylor's, Pine, and Wartook Lakes. Acre Feet, Gauged at Outlets.	Waranga Western Channel. Acre Feet, Gauged at Avoca River.	Total.	Rainfall.	
								Wartook.	Hopetoun.
							Acre feet.	Inches.	Inches.
1955	.. ..	..	964	6,634	30,243	20,230	58,071	42.51	19.21
1956	.. ..	..	..	6,038	15,043	14,810	35,891	43.92	19.00
1957	.. ..	..	26,929	4,834	58,060	25,910	115,733	28.77	10.06
1958	.. ..	..	3,553	12,918	39,307	19,333	75,111	40.37	16.69
1959	.. ..	22,778	11,837	4,130	36,650	16,370	91,765	31.42	9.01
1960	.. ..	18,244	319	7,831	29,203	16,010	71,607	36.87	18.72
1961	.. ..	31,553	21,100	2,214	53,597	1,290	109,754	32.50	13.31

WIMMERA-MALLEE AND RIVER MURRAY DOMESTIC AND STOCK SUPPLY SYSTEM.

PERIODS OF ANNUAL WATERING.

District.	Year.	Commenced.	Completed.	Days.
Wimmera-Mallee	1957	24.4.57	7.3.58	318*
	1958	1.4.58	26.11.58	240
	1959	5.4.59	20.12.59	259
	1960	28.3.60	26.10.60	212
	1961	22.3.61	28.12.61	281†
Tyntynder North (formerly Coreena)	1957	9.7.57	2.8.57	25
	1958	12.7.58	5.8.58	25
	1959	7.7.59	11.8.59	35
	1960	5.7.60	25.7.60	20
	1961	10.7.61	2.8.61	23
Millewa (Millewa Section)	1957	8.7.57	7.9.57	62
	1958	1.7.58	28.8.58	59
	1959	6.7.59	14.9.59	70
	1960	4.7.60	31.8.60	58
	1961	3.7.61	6.9.61	65
Millewa (Carwarp Section)	1957	29.7.57	14.8.57	17
	1958	21.7.58	8.8.58	18
	1959	3.8.59	21.8.59	19
	1960	27.7.60	13.8.60	18
	1961	30.7.61	17.8.61	18
Millewa (Yelta Section)	1957	2.9.57	28.9.57	27
	1958	9.9.58	3.10.58	25
	1959	2.9.59	18.9.59	21
		29.10.59	2.11.59	
	1960	6.9.60	17.9.60	22
		27.9.60	8.10.60	
	1961	28.8.61	1.9.61	21
		5.9.61	20.9.61	

*Watering delayed because of interruption in flow in Waranga Channel.

† Watering delayed because of limitation in capacity of Main Western System.

APPENDIX D.

DETAILS OF IRRIGATIONS, PUMPING DISTRICTS.

RED CLIFFS.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			Inches.
1	23rd August to 17th September, 1961	6,737	7.1
2	23rd October to 17th November, 1961	7,217	7.4
3*	5th December to 13th December, 1961	5,595	6.0
	28th December 1961 to 9th January, 1962		
4*	9th January to 16th January, 1962	3,964	4.9
	21st January to 30th January, 1962		
5A	18th March to 1st April, 1962	3,233	8.4
5B	2nd April to 18th April, 1962	4,312	7.6
6	1st May to 15th May, 1962	2,905	5.3
	Total for 1961/62	33,963	6.7

* Interrupted owing to rain.

Figures do not include the following special irrigations :—

- (i) Citrus—11th July to 13th July, 1961—482 ac. ft.
(ii) Frost—3rd October to 8th October, 1961—843 ac. ft.
(iii) Citrus—23rd February to 25th February, 1962—556 ac. ft.

MERBEIN.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			Inches.
1*	28th August to 1st September, 1961	5,229	7.5
	5th September to 23rd September, 1961		
2	12th October to 5th November, 1961	5,426	7.3
3*	4th December to 13th December, 1961	5,004	7.0
	22nd December 1961 to 1st January, 1962		
4*	10th January to 16th January, 1962	4,592	6.8
	22nd January to 4th February, 1962		
5A	1st March to 9th March, 1962	1,349	8.5
5B	26th March to 14th April, 1962	4,949	7.8
6	3rd May to 16th May, 1962	2,750	5.3
	Total for 1961/62	29,299	7.2

* Interrupted owing to rain.

Figures do not include special irrigation from 10th July to 16th July, 1961 of 699 acre feet.

NYAH.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			Inches.
1	4th September to 25th September, 1961	1,539	7.0
2	16th October to 3rd November, 1961	1,687	6.8
3*	17th November to 17th November, 1961	1,757	6.5
	27th November to 15th December, 1961		
4	27th December, 1961 to 17th January, 1962	1,769	7.1
5	22nd January to 8th February, 1962	1,572	6.5
6	28th March to 17th April, 1962	1,949	8.6
	Total	10,273	7.1

* Interrupted owing to rain.

Figures do not include special irrigation from 28th February to 3rd March, 1962 of 281 acre feet.

ROBINVALE.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Watering.
			Inches.
1	1st September to 19th September, 1961	2,586	6·8
2	25th October to 12th November, 1961	2,986	7·5
3*	13th December to 14th December, 1961	} 2,331	5·9
	21st December, 1961 to 3rd January, 1962		
4	10th January to 25th January, 1962	2,310	5·9
5	31st January to 13th February, 1962	2,137	5·3
6	31st March to 14th April, 1962	2,098	5·7
	Total for 1961/62	14,448	6·2

* Interrupted owing to rain.

Figures do not include the following special irrigations :—

- (i) 10th October to 14th October, 1961—337·8 acre feet.
- (ii) 1st March to 3rd March, 1962—281·1 acre feet.
- (iii) 17th May to 19th May, 1962—219·9 acre feet.

APPENDIX E.

COLIBAN SYSTEM—WATER DELIVERIES.

Year.	Inflow to Storages.			Output from Storages.	Delivered to Users.	Percentage Efficiency.
	From Coliban River.	Through Ashbourne Diversion Channel from Campaspe River to Coliban River.	Total.			
	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.	acre feet.
1955-56	107,192	2,620	109,812	25,597	18,102	71
1956-57	88,600	2,600	91,200	30,666	19,710	64
1957-58*	18,094	827	18,921	21,109	13,865	66
1958-59	73,664	1,536	75,200	27,074	19,092	71
1959-60*	42,315	2,200	44,515	25,289	16,150	64
1960-61	74,255	718	74,973	29,832	20,755	70
1961-62	36,538	1,204	37,742	34,160	21,186	62

* Restrictions as set out in Report.

APPENDIX F.

COMMISSION AND RIVER MURRAY STORAGES.

Storage.						Full Supply Reduced Level.	Capacity.						
						Feet.	Acre feet.	Acre feet.					
<i>Goulburn System—</i>													
Eildon .. .. .	..	..	..	..	..	950·00	2,750,000	
Goulburn Weir (8,000 acre feet below gravitation level)	..	..	..	..	..	408·00	20,700	
Waranga (53,000 acre feet below gravitation level)	..	..	..	..	..	398·00	333,400	
								3,104,100					
<i>Murray-Loddon System—</i>													
Hume Reservoir .. .. .	..	..	..	..	..	636·00 (a)	1,361,420	
Yarrawonga Weir .. .. .	..	..	..	..	..	412·80 (b)		
Torrumbarry .. .. .	..	..	..	..	..	285·00 (c)		
Euston .. .. .	..	..	..	..	..	159·00 (c)		
Mildura .. .. .	..	..	..	..	..	116·00 (c)		
Wentworth .. .. .	..	..	..	..	..	104·15 (c)		
Kow Swamp .. .. .	..	..	..	..	..	272·00	40,860	
Cairn Curran .. .. .	..	..	..	..	..	684·50	120,600	
Tullaroop (2,200 acre feet below gravitation level)	..	..	..	..	..	733·00	60,000	
Laanecoorie .. .. .	..	..	..	..	..	527·00	6,300	
<i>Kerang North-West Lakes—</i>													
Third, Middle, Reedy, Kangaroo, Racecourse, Charm, Cullens } (42,100 acre feet below gravitation level)						244·75	69,400						
						241·00							
						240·25							
						226·50							
Lake Boga (23,750 acre feet below gravitation level)	..	..	..	..	..	226·50	29,650	
Lake Cullulleraine .. .. .	..	..	..	..	..	101·00	2,000	
								1,690,230					
<i>Wimmera-Mallee System—</i>													
Rocklands .. .. .	..	..	..	..	..	644·00	272,000	
Toolondo .. .. .	..	..	..	..	..	546·00	86,000	
Fyans Lake (800 acre feet below gravitation level)	..	..	..	..	..	673·00	17,100	
Lake Lonsdale (1,600 acre feet below gravitation level)	..	..	..	..	..	618·00	53,300	
Wartook (700 acre feet below gravitation level)	..	..	..	..	..	1,451·00	23,800	
Taylors Lake (1,500 acre feet below gravitation level)	..	..	..	..	..	482·33	30,000	
Pine Lake (19,700 acre feet below gravitation level)	..	..	..	..	..	475·00	52,000	
Green Lake .. .. .	..	..	..	..	..	452·50	6,600	
Dock Lake .. .. .	..	..	..	..	..	442·00	4,800	
Moora (200 acre feet below gravitation level)	..	..	..	..	..	723·50	5,100	
Lower Wimmera Weirs .. .. .	..	..	..	..	..	..	2,870	
Batyo Catyo (Avon Regulator) .. .. .	..	..	..	..	..	401·00	3,900	
Lake Whitton .. .. .	..	..	..	..	..	375·00	1,300	
Township Reservoirs and Mallee Tanks .. .. .	..	..	..	..	..	..	5,030	
								563,800					
<i>Maffra-Sale System—</i>													
Glennaggie .. .. .	..	..	..	..	..	256·00	154,300	
Service Basins (Stratford, Heyfield) .. .. .	..	..	..	..	..	..	40	
								154,340					
<i>Coliban System—</i>													
Upper Coliban .. .. .	..	..	..	..	..	1,652·00	25,700	
Lauriston .. .. .	..	..	..	..	..	1,574·20	16,000	
Malmsbury .. .. .	..	..	..	..	..	1,477·00	14,400	
Spring Gully .. .. .	..	..	..	..	..	899·00	2,000	
Subsidiary Reservoirs .. .. .	..	..	..	..	..	..	4,630	
								62,730					
<i>Werribee System—</i>													
Pykes Creek .. .. .	..	..	..	..	..	1,306·00	19,400	
Melton .. .. .	..	..	..	..	..	273·00	15,500	
								34,900					
<i>Mornington Peninsula System—</i>													
Lysterfield .. .. .	..	..	..	..	..	221·50	3,400	
Beaconsfield .. .. .	..	..	..	..	..	340·00	740	
Frankston .. .. .	..	..	..	..	..	255·00	660	
Mornington .. .. .	..	..	..	..	..	244·00	260	
Bittern .. .. .	..	..	..	..	..	250·00	480	
Service Basins .. .. .	..	..	..	..	..	..	260	
								5,800					
<i>Otway System—</i>													
Service Basins .. .. .	..	..	..	..	..	..	..	1,080
<i>Miscellaneous—</i>													
Eppalock .. .. .	..	..	..	..	..	530·00	1,200	
Wonthaggi .. .. .	..	..	..	..	..	238·00	1,550	
Wonthaggi Service Basins .. .. .	..	..	..	..	..	..	10	
Newstead .. .. .	..	..	..	..	..	806·00	48	
Hepburn's Lagoon .. .. .	..	..	..	..	..	1,720·00	2,300	
Newlyn .. .. .	..	..	..	..	..	1,750·00	2,700	
Little River Weir .. .. .	..	..	..	..	..	..	180	
Moorabool River Weirs .. .. .	..	..	..	..	..	..	70	
								8,058					
Available capacity of storages at 30th June, 1962						..	..	5,625,038			
ADDITIONAL CAPACITY WHICH WILL BECOME AVAILABLE FROM WORKS UNDER CONSTRUCTION.													
Eppalock Reservoir being increased from 1,200 to 250,000 acre feet	..	..	..	..	..	637·00	248,800	248,800
TOTAL CAPACITY WHEN WORKS ARE COMPLETED						..	..	5,873,838			

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

(b) New South Wales Water Conservation Datum.

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

* Subject to certain obligations to South Australia.

APPENDIX G.

AUTHORIZED DIVERSIONS.

A.—NUMBERS AUTHORIZED.

Purpose of Diversion.	Licences.	Permits.	Agreements.	Total, 1961-62.	Total, 1960-61.
Domestic and Stock	3	2,073	Nil	2,076	2,047
Industrial	5	98	Nil	103	150
Irrigation	991	3,619	482	5,092	4,704
Total	999	5,790	482	7,271	6,901

B.—AREAS AUTHORIZED TO BE IRRIGATED—ACRES.

	Licences.	Permits.	Agreements (Drains).	Total.
Cereals	890	849	27	1,766
Lucerne	4,598	3,891	432	8,921
Sorghum and Annual Crops	929	1,231	..	2,160
Pastures—				
Native	5,053	2,411	5,157	12,621
Annual	3,621	162	3,989	7,772
Perennial	24,333	37,683	12,194	74,210
Vineyards—				
Dried Fruit	1,477	71	..	1,548
Table and Spirit	1,650	132	..	1,782
Orchards—				
Citrus	3,509	81	..	3,590
Others	1,278	298	80	1,656
Market Garden	1,870	8,142	45	10,057
Miscellaneous	649	7,919	..	8,568
Total, 1961-62	49,857	62,870	21,924	134,651
Total, 1960-61	68,361	59,678	16,266	144,305

APPENDIX H.

STAFF AND EMPLOYMENT FIGURES AS AT 30th JUNE, 1960, 1961 AND 1962.

Staff.	30th June, 1960.				30th June, 1961.				30th June, 1962.				Total.	
	Permanent Divisions.			Temporary.	Permanent Divisions.			Temporary.	Permanent Divisions.			Temporary.		
	Adminis- trative.	Pro- fessional.	Technical and General.		Adminis- trative.	Pro- fessional.	Technical and General.		Adminis- trative.	Pro- fessional.	Technical and General.			
<i>Engineering.</i>														
Staff possessing professional qualifi- cations, engaged on engineering, draughting, research, and surveying	..	309	4	386	..	301	3	384	..	312	3	86	401	
Inspectors, Water Bailiffs, Rangers, &c., engaged on District Operation and maintenance	..	..	411	504	..	..	433	511	..	..	454	83	537
Excavator Supervisors, Field Assist- ants, Timekeepers, &c., engaged on construction and plant maintenance	..	..	26	71	..	..	23	78	..	..	26	25	51
<i>Accounting and Administration.</i>														
Clerks and Accountants	198	..	58	323	216	..	54	336	222	..	52	52	326	
Typists, Messengers, &c.	..	..	32	88	..	..	28	90	..	..	37	66	103
<i>Other Categories.</i>														
Laboratory Assistants, Survey Assist- ants, Tradesmen, Motor Drivers, &c.	..	..	47	57	..	..	49	60	..	..	40	30	70
Totals	198	309	578	1,429	216	301	590	1,459	222	312	612	342	1,488	
<i>Casual Labour.</i>														
Construction (Day Labour and Contract)	..	..	..	973				741					809
District Maintenance	..	..	..	1,197				1,095					1,048
GRAND TOTALS			..	3,599				3,295					3,345	

APPENDIX J.

VICTORIAN WATER SUPPLY STATISTICS.

AREA—	1961-62.	
Area of State of Victoria	87,884 square miles	56,245,760 acres
Area of rural and urban lands artificially supplied with water for domestic and stock and industrial purposes by channels, tanks, bores, and pipe lines, excluding Melbourne Metropolitan area	18,370* square miles	11,762,000* acres
Area of Irrigation Districts and other lands supplied for irrigation (See Appendix B)		2,583,000* acres
Area irrigated (See Appendix B)		1,117,900 acres
Area served by drains within Irrigation Districts		630,000 acres/tr.
Area within Drainage District		18,250* acres
Area within Flood Protection Districts		148,910* acres

* Gross area.

AVERAGE ANNUAL RAINFALL.

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

WATERWORKS—

Controlled by Commission—

Storages (See Appendix G)—

Number of large reservoirs	39
Number of subsidiary reservoirs and service basins	259
Total capacity of storages, 1,531,400 million gallons = 5,625,038* acre feet.	

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

Channels—Length—

Irrigation	5,160 miles
Domestic and Stock	8,090 miles
Drainage and Flood Protection	2,610 miles
Total	15,860 miles

Pipe Lines—Length—

Mains	261 miles
Reticulation	1,246 miles
Total	1,507 miles

Tanks—Excavated—

Number in Wimmera-Mallee Waterworks Districts	260 tanks
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Bores—

Number in Waterworks Districts	40 bores
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Water Deliveries—

Quantity water delivered for irrigation (see Appendix B)	1,744,473 acre feet
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RURAL DISTRICTS—

Administered by Commission—

	Number of Districts.	Number of Assessments.	Population.
Irrigation Districts	10	16,178	48,244
Waterworks Districts (including rural lands, Coliban System)	19†	20,799	58,730
Flood Protection Districts	4	1,759* (51)	4,226* (12)
Drainage District	1	6,535	7,500
Totals	34 districts	45,271 assessments	118,700 persons

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

† The number of Waterworks Districts was reduced from 31 in 1960-61 to 19 in 1961-62 because of the amalgamation of 16 Wimmera-Mallee Waterworks Districts into 4 Districts.

URBAN SUPPLY—

Towns with reticulated pipe supplies for domestic and industrial purposes—

	Number of Towns.	Population.
Administered by Commission	136	203,220 persons
Waterworks Trusts	173	441,970 "
Local Governing Bodies	18	111,480 "
Totals	327 towns	756,670 persons

SEWERAGE—

Controlled by Local Authorities supervised by Commission

	Number of Towns.	Population.
44 (Systems operating)	44	409,242 persons
24 (Systems not operating)	24	87,525 "
Totals	68 towns	496,767 persons

CAPITAL LIABILITY FOR WATER SUPPLY—

Total to 30th June, 1962—

(a) Borne by the State	£105,105,095
(b) Borne by the Districts	£24,790,030
Total	£129,895,125