

1965

VICTORIA

STATE RIVERS AND WATER SUPPLY COMMISSION

SIXTIETH
ANNUAL REPORT
1964-65

PRESENTED TO BOTH HOUSES OF PARLIAMENT PURSUANT TO THE PROVISIONS OF THE WATER ACT

[Approximate Cost of Report.—Preparation, not given. Printing (225 copies), £1,235.]

By Authority:

A. C. BROOKS, GOVERNMENT PRINTER, MELBOURNE.

No. 18.—[9s. (90c)]—7191/65.

STATE RIVERS AND WATER SUPPLY COMMISSION

90 Orrong-road,
Armadaale, S.E.3.,
5th November, 1965

ANNUAL REPORT, 1964-65

In compliance with the provisions of the Water Act, the State Rivers and Water Supply Commission has the honour to present to Parliament the following Report and Statement for the Financial Year 1964-65, and Estimates for the ensuing year.

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

R. A. HORSFALL, M.B.E., Deputy Chairman,
M.C.E., B.Mech.E., M.I.E. Aust.

K. D. GREEN., O.B.E., E.D., Commissioner,
B.C.E., M.I.C.E., M.I.E. Aust., F.ASCE.

G. W. LEWIS, Secretary.

CONTENTS

	PAGE
SUMMARY OF REPORT	vii
FOREWORD	9
RETIREMENT OF MR. L. R. EAST	10
NEW APPOINTMENTS IN COMMISSION MEMBERSHIP	10
DETAILS OF COMMISSION OPERATIONS—	
LEGISLATION	12
PARLIAMENTARY PUBLIC WORKS COMMITTEE—	
Water Resources	13
Lake Corangamite	13
Melbourne Water Supply	13
Lower Goulburn River—Flooding	13
STATE DEVELOPMENT COMMITTEE	14
WATER DELIVERIES	15
IRRIGATION PRODUCTION	16
IRRIGATION RESEARCH	17
IRRIGATION DIVISIONS—	
Goulburn Division	19
Loddon Division	22
Southern Division	24
PUMPING DISTRICTS	25
WIMMERA AND MALLEE DOMESTIC AND STOCK SUPPLIES	28
FARM WATER SUPPLIES	30
URBAN SUPPLIES	30
WATERWORKS TRUSTS AND SEWERAGE AUTHORITIES—	
Town Water Supplies	33
Sewerage Authorities	34
FLOOD PROTECTION, DRAINAGE AND RIVER IMPROVEMENT—	
Koo-Wee-Rup Flood Protection District	34
Carrum Drainage District	34
River Improvement and Drainage Trusts	35
Lake Corangamite Reclamation Project	35
MAJOR WORKS—	
Investigations for Future Works	36
Design	36
Construction	39
Major Storages Maintenance	40
Housing	41
Engineering Laboratories	41
Surveys, Hydrography, Plans and Photography	42
VALUATIONS	43
PUMPING STATIONS AND PUMPING PLANT	44
PLANT AND TRANSPORT	45
STORES PURCHASING AND DISPOSAL	45
LIBRARY	47
PUBLIC RELATIONS	47
RECREATIONAL FACILITIES AND BOATING	48
OVERSEAS VISITS	49
ASSOCIATED ORGANIZATIONS—	
River Murray Commission	49
Snowy Mountains Council	49
Australian Water Resources Council Standing Committee	49
STAFF	50

CONTENTS—*continued.*

FINANCE

	PAGE
STATEMENT BY CHIEF FINANCE OFFICER	54
RATES, CHARGES AND VALUATIONS	62
STATEMENT OF ASSESSMENTS, REVENUE, AND ARREARS	68
RESULTS OF OPERATIONS IN DISTRICTS—DISBURSEMENTS AND RECEIPTS	69
SUMMARY OF OPERATIONS FOR YEAR	70
ANALYSIS OF EXPENDITURE BORNE BY THE STATE	71
DISTRICT STATEMENTS—	
Plant Workshops.. .. .	73
Coliban	75
Irrigation Districts	77
Waterworks Districts	80
Urban Districts	83
Flood Protection and Drainage Districts	93
SUMMARY OF PROFIT AND LOSS ACCOUNTS	95
SUMMARY OF CASH ACCOUNTS	96
SUMMARY OF BALANCE-SHEETS	97
EILDON SEWERAGE DISTRICT FINANCIAL STATEMENT	98
IRRIGATION DISTRICTS MAINTENANCE EQUALIZATION AND RENEWALS ACCOUNT	99
WATER SUPPLY WORKS DEPRECIATION ACCOUNT	99
WATER SUPPLY PLANT AND MACHINERY ACCOUNT	102
CAPITAL EXPENDITURE	104
SUMMARY OF CAPITAL EXPENDITURE, LOAN LIABILITY INTEREST AND EXCHANGE	105
LOAN CAPITAL ACCOUNTS—	
A. Capital Works	110
B. State Works of Water Supply	111
C. Headworks	112
D. Coliban System	113
E. Irrigation Districts	113
F. Waterworks Districts	114
G. Urban Districts	115
H. Flood Protection Districts	117
I. Drainage District	117
J. Waterworks Trusts and Local Authorities	118
K. River Improvement Trusts	118
L. Latrobe Valley Water and Sewerage Board	118
SUMMARY OF LOAN CAPITAL ACCOUNTS	119
LOAN CAPITAL RECONCILIATION STATEMENT	119
CONTRACTS	120
ESTIMATES—	
Proposed Disbursements	121
Estimated Receipts	121

* * * *

APPENDIXES

A—RETURN OF WATER DELIVERED FOR IRRIGATION	122
B—LANDS UNDER IRRIGATED CULTURE	123
C—WATER DELIVERED TO DOMESTIC AND STOCK SYSTEMS, 1964–65	124
D—PUMPING DISTRICTS—DETAILS OF IRRIGATIONS	126
E—COLIBAN SYSTEM—WATER DELIVERIES	127
F—CAPACITIES OF COMMISSION AND RIVER MURRAY STORAGES	128
G—PRIVATE DIVERSIONS	129
H—STAFF AND EMPLOYMENT FIGURES AS AT 30TH JUNE, 1963, 1964 AND 1965	130
I—VICTORIAN WATER SUPPLY STATISTICS, 1964–65	131
J—COMMISSIONERS AND PRINCIPAL OFFICERS	133

SUMMARY OF MAIN DETAILS OF REPORT

STORAGES

IN the Government's 10 year £37,500,000 programme for country water storages, Project No. 1, the Devilbend Reservoir, was completed in the latter half of 1964. This Mornington Peninsula District reservoir was officially opened by the Premier of Victoria, in January, 1965.

Further progress was made on the construction of the dam for the 60,000 acre-feet Lake Bellfield (Project No. 2) in the Grampians, to serve the Wimmera-Mallee System. It is expected that the dam will be completed in 1966. Work was substantially completed on the 20,000 acre-feet first stage Lake Buffalo Dam (Project No. 3) in which storage of water commenced in June, 1965.

At 30th June, 1965, the capacity of water storages controlled by the Commission was 4,610,300 acre-feet. Additionally, 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 Waters Agreement, subject to obligations to South Australia. The total storage capacity available to Victoria is thus 5,971,720 acre-feet, an increase of 3,540,920 acre-feet in the eleven years since 30th June, 1954.

IRRIGATION DEVELOPMENT AND WORKS

THE area irrigated in 1964-65 was 1,189,055 acres while water deliveries for irrigation totalled 1,859,173 acre-feet, 7 per cent. more than the previous record 1,744,473 delivered in 1961-62.

In the Goulburn-Murray Irrigation District progress was made on channel enlargement and remodelling to distribute additional water from Lake Eildon and other reservoirs. Work continued in the Rodney, North Shepparton, Tongala-Stanhope and Deakin Areas, in the Torrumbarry Irrigation System and in the Campaspe Irrigation District which is to be supplied from Lake Eppalock on the Campaspe River. Work commenced on the enlargement and remodelling of channels in the Rochester Area.

Progress was made on drainage works, particularly the Mosquito Depression Drain, the re-located Deakin Main Drain and the Pyramid No 1. Drain. Further drains were constructed in the Murray Valley Irrigation Area where the total length is now 211 miles, leaving 92 miles to complete the Soldier Settlement Area drainage.

Work was well advanced on channel and drains in the Dunbulbalane Settlement Area where 164 of the 186 blocks have been supplied with water.

TOWN AND INDUSTRIAL WATER SUPPLY AND SEWERAGE

ON 30th June, 1965, the number of country towns with reticulated water supplies managed by the Commission or by local Trusts and Authorities was 361, serving 802,600 persons. Thirteen new town supplies were brought into operation by newly constituted Waterworks Trusts at Allandale, Bass, Broomfield, Cowes, Goorambat, Heywood, Kingston, Newhaven, Newlyn, San Remo, Seaspray, Springmount and Thorpdale. The Commission also extended supplies to the townships of Noorat and Glenormiston.

Expenditure by Waterworks Trusts and other local water Authorities on loan works was £2,034,376 of which £1,732,376 was provided from Government Loan Funds.

Seventy-eight Sewerage Authorities have now been constituted for country towns and two major sewerage schemes serve Geelong and areas in the Latrobe Valley. Sewerage works are in operation in 57 towns serving about 570,000 persons. A new system was brought into operation at Red Cliffs and six other systems are under construction.

Capital expenditure on sewerage was £2,361,131. Of this amount £604,831 came from Government funds.

RIVER IMPROVEMENT, FLOOD PROTECTION AND DRAINAGE

TWENTY River Improvement Trusts and four Drainage Trusts were in operation under the River Improvement Act at 30th June, 1965. Expenditure during the year by these Trusts was £239,570, made up of £220,000 from Government loan funds and £19,570 from the Rivers and Streams Fund.

In addition, grants amounting to £43,596 were made from the Rivers and Streams Fund to Municipal Councils and other local authorities for river improvement, making a total expenditure under the River Improvement Act, for the year, of £283,166.

Dandenong Valley Authority

The Dandenong Valley Authority, appointed in June, 1964, to control arterial drainage and carry out river improvement within the Dandenong Creek catchment, is proceeding with the preparation of a Master Plan of works to be undertaken within the next ten years. The Authority has already completed minor drainage works by contract near Hallam.

Lake Corangamite

Lake Corangamite experienced the largest winter and spring flood inflow yet measured. However, nearly 60,000 acre-feet of the floodwater was impounded in the Cundare Pool and thereby prevented from reaching the Lake proper. A record 61,000 acre-feet of water was passed down the diversion channel to the Barwon River, bringing the total diverted to date to 192,000 acre-feet. The Lake level rose 39½ inches, but the peak was still 25 inches below the maximum flood level reached in 1960. Later, the water level receded 16 inches, making the net rise for this very wet year 23½ inches.

FINANCE

THE total receipts for water rates and charges for the financial year amounted to £3,658,091 as compared with £3,435,667 in 1963-64. The number of rating assessments in the districts supplied with water by the Commission was 120,194 and the total number of assessments in drainage, flood protection and sewerage districts was 10,399.

The unimproved capital valuation of properties rated on this basis within irrigation districts, waterworks districts, and the Carrum Drainage District amounted to £67,043,805.

The net annual valuation of properties rated on that basis, within one waterworks district, two flood protection districts, urban districts including the Coliban System, and the Eildon Sewerage District, amounted to £10,331,396.

The net liability of the State for works of water supply and drainage at 30th June, 1965, was £153,875,034. Of this £13,851,393 is charged to waterworks trusts and other local governing bodies ; £11,195,512 is debited to districts directly controlled by the Commission and to Plant Workshops ; £1,700,451 is debited to plant and Machinery Account ; £244,498 to river improvement trusts ; and £5,488,946 to the Latrobe Valley Water and Sewerage Board. The balance, £121,394,233, being largely expenditure on irrigation and rural water supply works, flood protection and drainage works, is borne by the State in accordance with Government policy.

The total interest, exchange and loan conversion expenses for 1964-65 amounted to £6,879,209. Waterworks trusts and local governing bodies paid to the Treasury the sum of £570,281 as interest on loans. In addition, interest amounting to £285,034 was met by the Commission in respect of districts under its control.

In districts which were required to meet all annual operating costs, the operations for the year resulted in a net cash gain of £159,816. A deficiency of £141,151 was incurred in operating districts to which the supply was continued by direction of the Governor in Council. This amount was debited to the "Revenue Expenditure Chargeable to the State Account".

The net cost to the State for interest, exchange and loan conversion expenses, loss on district operations, for services not directly chargeable to water users, together with the cost of National Debt Sinking Fund operations was £6,224,010 of which £5,934,735 was for interest, exchange and loan conversion expenses.

The value of stores and equipment held in the Stores Suspense Account as at 30th June, 1965, was £890,683 and the value of moveable plant and machinery held in the Plant and Machinery Account as at that date was £1,700,451. A sum of £206,430 was charged for depreciation against district revenues for the year 1964-65 bringing the balance in the Water Supply Works Depreciation Account to £1,594,181. However, nothing has been paid into the Depreciation Fund for some years and no amounts now remain in that fund for future replacement of depreciated assets.

The amount at credit of the Water Supply Plant and Machinery Depreciation Fund as at 30th June, 1965, was £909,775.

The arrears of water rates and charges outstanding at 30th June, 1965, amounted to £639,478 of which £378,805 represents outstanding accounts for sales of water on which interest does not become payable until December, 1965.

The amount included in the Budget Estimate for 1964-65 for Vote Expenditure on works and services under the control of the Commission is £5,016,000. This amount is £609,000 less than the Commission's estimated requirements.

* * * *

STATE RIVERS AND WATER SUPPLY COMMISSION

ANNUAL REPORT, 1964-65

The year 1964-65 was notable for a general rise in the distribution efficiencies in the irrigation districts—the yard-stick by which the overall efficiency of the districts is measured. Many factors contributed to this including major channel remodelling works, greater control over leakage from structures, the intensive weed control programme and improvements in water distribution.

Although there were good spring rains, the summer and autumn were very dry and water deliveries created an all-time record. They totalled 1,436,000 acre feet and exceeded by 7 per cent. the previous record deliveries in 1961-62.

Good progress was made during the year on the Ten Year Storage Programme approved by the Government in 1963. The Lake Buffalo dam is nearing completion and will be operative for the coming summer. This dam will not only safeguard the valuable tobacco growing industry in the Ovens River System but will also ensure supplies to the City of Wangaratta. Lake Bellfield dam in the Grampians is expected to be completed early in 1966 and a start will be made very shortly on the construction of the Nillahcootie dam on the Broken River.

The approved dam building programme and the major remodelling works now in progress are providing a continuity of construction work which has had a marked effect on the efficiency of construction operations with consequent reduction in overall costs.

A commencement was made on improvements to the supply facilities in the Torrumbarry System where water losses due to the inefficient distribution system have been a matter of concern for some years. Improvements so far carried out in the vicinity of Kerang and Swan Hill are the forerunners of a major remodelling programme for the entire system.

During the year the provision of reticulated water supplies and sewerage to country towns was further advanced. Construction commenced on the sewerage and water supply for the new town of Churchill, while sixteen other new town supplies came into operation. A further eight new town supplies have been commenced and several major sewerage schemes are under construction.

A major advance in the provision of water supplies for small country towns has been the revised basis of assistance provided by the Government whereby special assistance by way of deferred capital liability has enabled a number of small townships to obtain a water supply. These townships previously had been unable to finance a water supply even with the very liberal assistance formerly given by way of capital grants and interest subsidies on loans.

The Dandenong Valley Authority is now operating and represents a major advance in regional control of arterial drainage. It may well set the standard for future flood protection and drainage on a catchment basis.

RETIREMENT OF LEWIS RONALD EAST, C.B.E., M.C.E.

After 30 years as a Commissioner—28 years as Chairman—the retirement of Mr. L. R. East on 31st January, 1965, marked the completion of what is believed to be a record term of office of any held by the head of any Government Department or Instrumentality in Australia.

Mr. East, whose contributions to engineering were recognized by the highest awards that could be bestowed by his colleagues in Australia, led the Commission over a period of great expansion, despite many difficulties.

Floods, droughts, economic depression, war conditions, post-war inflation and financial emergencies made the Commission's task at times particularly difficult. Nevertheless in this period the capacity of water storages increased three-fold, the area irrigated in Victoria more than doubled, and there was very great improvement and expansion in water and sewerage services to country towns.

In pressing for great development of water resources, Mr. East frequently stated that the purpose of water conservation was human welfare. During his record term of office no less than £120,000,000 was provided by Governments for water supply and associated developmental works to be carried out by or under the direction of the State Rivers and Water Supply Commission.

He will be long remembered as one who made a highly significant contribution to the prosperity of Victoria, and, through his association with the River Murray Commission and the Snowy Mountains Council, to the prosperity of the adjoining State of New South Wales and Victoria as well.

NEW APPOINTMENTS IN COMMISSION MEMBERSHIP

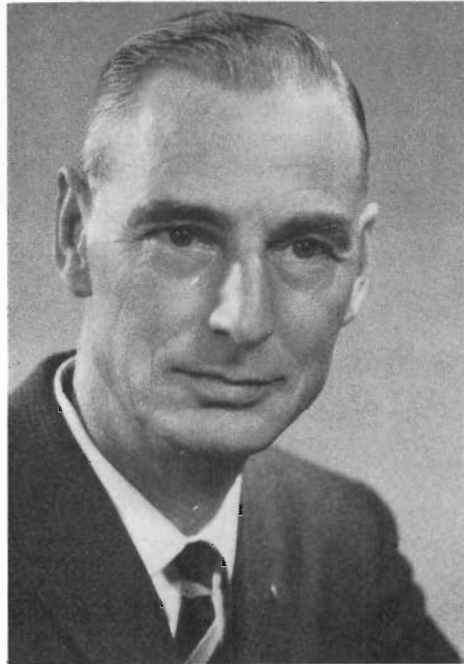
The Government appointed Commissioner A. L. Tisdall, M.Agr.Sc.,—who was Deputy Chairman—to be Chairman of the Commission, and Commissioner R. A. Horsfall, M.B.E., M.C.E., B.Mech.E. to be Deputy Chairman. Mr. Tisdall follows Mr. East as the Victorian Member of the Standing Committee of the Australian Water Resources Council and as a Member of the Land Utilization Advisory Council. He retains his positions as Chairman of the Wildlife Reserves Advisory Committee and as a Member of the Central Planning Authority.

Mr. Horsfall replaced Mr. East as Commissioner representing Victoria on the River Murray Commission and also as a Member of the Snowy Mountains Council.

To fill the consequential vacancy on the Commission the Government appointed Mr. K. D. Green, O.B.E., E.D., B.C.E., who for six years was Divisional Engineer for the Loddon Irrigation Division. Mr. Green has high academic qualifications as an engineer and has been closely associated with irrigation and drainage development. He has studied irrigation extensively overseas and has had a distinguished military record in World War II. and in the Citizen Military Forces, in which he holds the rank of Colonel commanding the largest formation of the Royal Australian Engineers in Australia.

STATE RIVERS AND WATER SUPPLY COMMISSION

COMMISSIONERS AND SECRETARY, 1965



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



Deputy Chairman
R. A. HORSFALL, M.B.E., M.C.E., B.Mech.E.,
M.I.E.Aust.



Commissioner
K. D. GREEN, O.B.E., E.D., B.C.E., M.I.C.E.
M.I.E.Aust., F.ASCE.



Secretary
G. W. LEWIS.

DETAILS OF COMMISSION OPERATIONS

LEGISLATION

Water Act 1964—No. 7198

This Act completely revised the provisions of the *Water Act* 1958 dealing with extra water rights, and established a statutory formula for the apportionment of extra water rights. The formula is effective only until 1st July, 1967, and can only be amended or continued by a further Act of Parliament. The formula under the Act has committed an extra 200,000 acre feet as water rights over and above former commitments. In the event of dry conditions in the next few years this will increase the chances of serious shortages.

The *Water Act* 1964 amended also certain provisions concerning private rights in water and on watercourses, penalties for various offences, and a number of other matters.

Acquisition of Materials Act 1964—No. 7203

This Act amended section 308 of the *Water Act* and sections of three other Acts to provide that authorities exercising their right to procure materials for their works shall give due notice to landholders and to the Soil Conservation Authority.

Water (Recreational Areas) Act 1964—No. 7216

This Act amended the *Water Act* 1958 to provide that the Governor in Council may declare “recreational areas” over lands owned or controlled by the Commission, to be administered (subject to regulations) either by the Commission or by appointed committees of management.

Cadet Surveyors Act 1964—No. 7221

This Act provided for the employment of Cadet Surveyors in the Water Supply Department and certain other Departments, subject to regulations which the Governor in Council may make. The Commission has already appointed six cadets, who this year commenced a University course in Surveying.

Public Lands and Works Act 1964—No. 7228

This Act dissolved the Board of Land and Works and made consequential amendments to a number of Acts including the Geelong Waterworks and Sewerage Act, Mildura Irrigation and Water Trusts Act, River Improvement Act, Sewerage Districts Act, River Murray Waters Act and the Water Act, transferring the functions of the Board variously to the Railway Construction Board, the Minister of Public Works, the Minister of Lands or the Commission as seemed appropriate in each case.

Werribee Waterworks District (Abolition) Act—No. 7253

This Act empowered the Governor in Council to abolish the Werribee Waterworks District by Order in Council, in view of the progressive replacement of the Commission’s water supply service by extensions of the Werribee Council’s pipe reticulation.

Water (Amendment) Act 1965—No. 7258

This Act provided for the investment of money held in the Irrigation Districts Maintenance Equalization and Renewals Account, and made other minor amendments to the *Water Act* 1958.

Valuation of Land (Appeals) Act 1965—No. 7276

This Act amended the *Valuation of Land Act* 1960 to make new comprehensive provisions for appeals against valuations, and amended consequently a number of other Acts including the *Water Act* 1958. It repealed sections 260 to 270 of the *Water Act* concerning compensation for land taken for works. Such compensation will now be determined under the provisions of the amended *Valuation of Land Act* 1960.

Other Amending Legislation

Minor amendments were made to the *Sewerage Districts Act* 1958, the *Mildura Irrigation and Water Trusts Act* 1958 and the *Dandenong Valley Authority Act* 1963 by, respectively, Acts Nos. 7174, 7249 and 7254.

PARLIAMENTARY PUBLIC WORKS COMMITTEE

WATER RESOURCES OF VICTORIA

The Governor in Council on 15th November, 1960, asked the Committee to report on the practicability of further water conservation to utilize the rivers and streams in Northern Victoria and other parts of the State.

The full terms of reference for this inquiry, and recommendations made by the Committee in its first, second, and third Progress Reports (dealing respectively with the Ovens River Basin, the lower sector of the Torrumbarry System and the Broken River Basin), are set out in pages 10 to 12 of the Commission's Annual Report for 1962-63. Recommendations made in the fourth Progress Report (dealing with the Seven Creeks Basin) are set out on p. 11 of the Annual Report for 1963-64.

During the year the Commission presented further evidence to the Committee on reconstruction of the Torrumbarry System (further to evidence summarized on p. 11 of the Annual Report for 1963-64) and on utilization of the waters of the Wannon River.

This described the occurrence of stream flows in the Wannon catchment and the quality of the waters. The possible use of the Grampians headwaters for future urban supply in the Western District was discussed. Stream flows in the lower part of the catchment were mostly considered to be too saline for general urban use or for irrigation.

The inquiry is proceeding.

LAKE CORANGAMITE

Further evidence was submitted by the Commission on the Lake Corangamite Inquiry, instituted in 1961. (For reference to two previous Progress Reports see p. 11 of Annual Report for 1963-64.)

The Committee issued its Final Report on 1st April, 1965.

MELBOURNE WATER SUPPLY

The Commission gave evidence on various aspects of the Melbourne Metropolitan Future Water Supply Inquiry during the year. The Committee on 2nd December, 1964, issued Progress Report No. 1 recommending the diversion of Yarra tributaries above Warburton. (See also Annual Reports 1962-63 and 1963-64.)

The Committee's recommendations in full were as follows :—

1. That the Government acknowledge that the water resources of the Big River and all other streams entering Eildon Reservoir are committed for water supply to the Goulburn Irrigation System and are not available for Melbourne metropolitan use.
2. That the Government authorize the Melbourne and Metropolitan Board of Works to develop the water resources of Armstrong's Creek, McMahon's Creek, Starvation Creek, Mississippi Creek and Cement Creek for metropolitan use, by construction of diversion works and aqueducts to permit gravitational supply to the existing Upper Yarra-Silvan Conduit, the average annual yield of the scheme being approximately 12,000 million gallons, at an estimated capital cost of £1,000,000 these yields and cost estimates being subject to further detailed investigation.
3. That the catchments above the proposed diversion points be proclaimed as water supply catchments under the provision of the *Soil Conservation and Land Utilization Act* (No. 6372, Part III.), with provision for a protective strip of land of not less than three chains in width on each side of these creeks (i.e., Armstrong's Creek, McMahon's Creek, Starvation Creek, Mississippi Creek and Cement Creek) and diversion headworks, with control of such protective strips vested in the Melbourne and Metropolitan Board of Works.
4. That arrangements be made for the continuance of the Reefton hydrological research programme.

The inquiry is proceeding.

LOWER GOULBURN RIVER—FLOODING

The Governor in Council on 22nd December, 1964, referred to the Committee for inquiry and report :

1. The nature, extent and cause of the flooding along the Goulburn River particularly in the section of that River between Shepparton and Echuca referred to as the Lower Goulburn.

2. What has been the influence of the Eildon Reservoir or any of the works of any public authority on flooding along the Goulburn River.
3. The need for effective river improvement, flood protection and drainage works along the Goulburn River and tributaries, and particularly along the Lower Goulburn.
4. What Authority constructed the levees on the Lower Goulburn and what authority or persons have maintained them since original construction.
5. Should responsibility for maintenance rest on the immediate landowners or on some State or other authority.
6. Whether the provision of S.32 (2) of the *River Improvement Act* 1958 should be invoked and whether the State Rivers and Water Supply Commission should bear the whole or what part of the costs pursuant to S.23 (5).
7. Whether any Authority or Authorities have adequate statutory power to undertake the construction and maintenance of effective river improvement, flood protection and drainage works along the Lower Goulburn River. If so, which would be the most appropriate Authority.
8. If such an effective Authority could not be formed under existing legislation, what type of Authority would be most appropriate to deal satisfactorily with river improvement, flood control and drainage problems along the Goulburn River and its tributaries, and what area or length of rivers and streams should it embrace.
9. Any other related matters which appear to the Committee to be relevant to this inquiry.

The inquiry is proceeding. The Commission has presented evidence to the Committee, including a comprehensive review of existing flood protection and river improvement works along the Goulburn River and tributaries and a description of the statutory methods available under existing legislation of providing for flood protection, river improvement and drainage within a particular area or district in Victoria.

The Commission's final evidence will be given after the presentation of local views on these problems as existing along the Lower Goulburn River.

* * * *

STATE DEVELOPMENT COMMITTEE

PIPE-LINE PROPOSAL FOR THE MILLEWA AREA

On 24th November, 1964, the Premier requested the State Development Committee to undertake an inquiry into the pipe-line proposals for the Millewa Area.

The terms of reference were :

1. *Existing Settlement*.—Whether it is desirable to replace the existing open channel system in the existing Millewa Settlement Area with a pipe-line system with special reference to :

- (a) The rate and volumes of water required per holding.
- (b) The nature and estimated cost of the proposed works.
- (c) The effect of the construction of the works on operating costs and the State's finances.
- (d) The method of charging for supply.
- (e) The advantages to landholders from a piped supply compared with a supply from open channels.
- (f) The volume of water saved with a pipe-line system and the value of this water to the State.
- (g) Expenditure required on the existing system if the system is not replaced with pipe-lines and the amount chargeable to the River Murray Commission arising out of alterations to the system due to the construction of Chowilla Reservoir.

2. *New Settlement Proposals*.—Whether it is in the interest of the State of Victoria that Crown lands south and west of the existing Millewa Settlement Area in North-Western Victoria be developed for subdivision and land settlement under more intensive utilization than at the present time.

3. (a) If so, what is the location and extent of such lands ?

(b) What method of water supply to these lands should be adopted and what are the estimated costs for supply ?

- (c) Whether the existing forms of tenure provided in the Land Acts are adequate or suitable to the requirements of such a settlement ?
- (d) What number of economic units could be provided ?
- (e) What is the extent of the demand for such areas by suitable persons ?
- (f) What is the need or otherwise for the availability of finance for the development of these lands ?
- (g) What effect, if any, will the construction of Chowilla Reservoir have on land use in the area ?
- (h) What transport facilities and road extensions (if any) should be provided at the cost of the State ?

4. Any other matters which appear to the Committee to be relevant to the inquiry.

The Commission has submitted evidence to the Committee and the inquiry is proceeding.

* * * *

WATER DELIVERIES

Above-average rainfall on the catchments of the major Victorian storages during the winter and spring was followed by the driest summer and autumn period for the past 50 years.

As a result of the good spring rains the inflow to major storages was substantially above average and all irrigation storages filled during the spring. On 30th October, 1964, the total volume impounded in the major Victorian storages was 6,921,580 acre feet as compared with a total storage capacity of 7,099,650 acre feet, the deficiency being mainly in the storages feeding the Wimmera-Mallee domestic and stock supply system.

The favourable storage position enabled the Commission, at the commencement of the 1964-65 irrigation season, to announce that deliveries to individual irrigators in the Goulburn-Murray Irrigation District would be available to the extent of 150 per cent. of 1963 Formula Water Rights, but, because of the general rainfall experienced in Northern Victoria in the early stages of the season, there was only a minor demand for water until mid-November. By 31st October, 1964, only 32,466 acre feet had been delivered in the districts compared with 345,593 acre feet at the corresponding date in 1961.

The dry conditions experienced after mid-November created record demands for water and during the balance of the season weekly deliveries were made at rates up to 20 per cent. greater than in previous years.

A total volume of 1,288,000 acre feet was delivered in the five months from mid-November to mid-April as compared with 889,000 acre feet in 1961-62 and 1,058,000 acre feet in 1963-64.

On 1st March 1965, after consultation with the Advisory Boards, the Commission agreed that the volume available to individual irrigators for the season would be increased to 165 per cent. of water rights under the 1964 Water Act formula, and on 29th March this was increased to 180 per cent.

The total volume delivered on the land in all districts for the season was 1,859,163 acre feet, 6.6 per cent. greater than the previous record volume of 1,744,473 acre feet delivered in 1961-62.

The volume carried over in most of the major irrigation storages at the close of the season was relatively satisfactory, but, with the continuation of abnormally dry conditions above the reservoirs, there was no significant increase in the volume in storage during the balance of the year.

The high rate of deliveries during the summer and autumn again illustrated the value of the channel remodelling works and other major improvements to the distributary systems that have been effected in recent years. The Campaspe Pumping Station permitted record rates of delivery in the areas supplied from the Waranga Western Main Channel, although the capacity of this channel has remained virtually unchanged. The operation of the pumps on the River Murray at Swan Hill, supplying portion of the Swan Hill Irrigation Area, also permitted greater flexibility in the regulation of the Torrumbarry System and increased supplies.

The efficiency of deliveries of water from offtakes to the land, which has shown a significant upward trend in recent years, showed a marked increase, and all systems except the Torrumbarry System achieved efficiencies in excess of 60 per cent. In the Goulburn System, for each 100 acre feet diverted at river offtakes, 60.4 acre feet was measured onto the land within the district, whilst in Murray Valley, for each 100 acre feet diverted at Yarrawonga Weir, 66.7 acre feet was recorded as being delivered. It has not been possible to obtain an accurate figure for the efficiency of the Torrumbarry System during the season because of the entry of flood waters in the spring. The efficiency would undoubtedly be less than 50 per cent.

In most districts the delivery efficiency was about 3 per cent. greater than previously recorded. Although the climatic conditions during the last five months of the season were such that the wastage of water was reduced to a minimum, a great deal of the credit for the increased efficiency must be attributed to the diligence displayed by the Commission's water bailiffs and other officers responsible for the distribution of water within the districts, in addition to the close co-operation of irrigators.

PRIVATE DIVERSIONS

The area irrigated by private persons who divert water from surface sources under long-term licences, annual permits and agreements now stands at 140,756 acres, an increase of 561 acres on the area so watered in 1963-64.

The prolonged spell of dry weather experienced during the summer and autumn led to shortages of water supply for private diverters in many parts of Victoria. A complete ban on the pumping of water for irrigation was necessary on many minor streams. Among the major rivers on which restrictions on pumping were also necessary, the worst affected was the Mitchell River, in which flows were the lowest recorded since 1939. Restrictions on the use of water from this source were first introduced in February and remained in force until late April.

The King River also experienced a critical shortage of supply and the pumping of water was rostered for a lengthy period. Some minor restrictions on pumping were also necessary from the Ovens River and its tributaries.

The co-operation of members of Advisory Committees which have been formed on a large number of streams was of invaluable assistance to the Commission and its officers in the administration of diversions.

* * * *

IRRIGATION PRODUCTION 1963-64

(Production figures are not yet available for 1964-65.)

A long sequence of records for gross value of production from Victorian irrigation districts was maintained in 1963-64. Gross value of production, including private diverters, amounted to £76,550,000 which was 18 per cent. higher than the previous record established in 1962-63.

Details under the various headings are as follows :

		1963-64		1962-63	
		£	£	£	£
<i>Irrigation Districts—</i>					
Milk and Milk Products	.. ..	17,600,000		16,800,000	
Beef and Veal Meats	.. ..	3,750,000		3,300,000	
Wool, Lamb and Mutton	.. ..	8,700,000		6,900,000	
Pigmeats	.. ..	3,600,000		3,150,000	
Poultry and Eggs	.. ..	1,750,000		1,625,000	
All Livestock	.. ..	35,400,000			31,775,000
Dried Vine Fruits	.. ..	9,500,000		6,125,000	
Table and Wine Grapes	.. ..	825,000		500,000	
Canning Fruits	.. ..	4,375,000		3,650,000	
Fresh and Jam Fruits (Deciduous)	.. ..	1,950,000		1,975,000	
Citrus Fruit	.. ..	1,350,000		1,075,000	
All Horticulture	.. ..	18,000,000			13,325,000
Vegetables	.. ..	2,250,000			2,325,000
Other Primary Products	.. ..	4,250,000			4,175,000
Total District Production	.. ..	59,900,000			51,600,000
Private Diverters	.. ..	16,650,000			13,350,000
GRAND TOTAL	.. ..	76,500,000			64,950,000

The value of production in the irrigation districts rose by a net £8,300,000. Value of livestock production improved by £3,625,000, of which approximately half resulted from improved prices for meat and wool, and the balance from greater livestock numbers. Overall, these increased by about 5 per cent. compared with 1962-63.

Income from horticulture increased from £13,325,000 in 1962-63 to £18,000,000 in 1963-64. Nearly three-quarters of this increase was the result of a rare combination of high production and high prices in the dried fruits industry, whilst the canning fruits industry, which also enjoyed greater production and improved prices, lifted its value of production by nearly 20 per cent. compared with 1962-63.

Private diverters also shared the good year enjoyed by livestock producers and horticulturists, whilst a further important factor was the increased production of tobacco (from 4,400 tons in 1962-63 to 6,450 tons in 1963-64) which was valued at £6,800,000 or 40 per cent. of the private diverters' total output.

* * * *

IRRIGATION RESEARCH

WEEDICIDES

The use of weedicides for supply channel and drain maintenance expanded by almost 25 per cent. during the year and considerable benefits were obtained.

Aqualin again proved its value for controlling submersed weed growth, 3,500 gallons being used during February and March, 1965, to treat about 700 miles of supply channels. The Explosives Department gave valuable assistance on safety aspects of the handling of Aqualin and the Department of Agriculture proved its lack of effect on bees.

Some 700 miles of drains were treated with either Weedazol TL (amitrole) or Karmex (diuron) mainly to control the emergent weed, water couch grass. Results are excellent wherever regular treatments are being carried out.

Further efforts were made to detect and prevent the spread of water hyacinth. Following earlier discoveries of patches of this weed in the Murray system, an aerial survey was conducted on the Ovens River and part of the River Murray, in conjunction with the Lands Department, but no further infestations were found. All known infestations have now been eradicated, and the area is being watched for further outbreaks.

Experiments on the toxicity of weedicides to crops and measurements of the pollution resulting from particular weedicide treatments were continued. Regular sampling of several streams for weedicide content was carried out and the effectiveness of precautions taken to prevent contamination of water supplies was confirmed.

The Chief Irrigation Officer represented the Commission on the Committee appointed by the Victorian Government to inquire into the effects of pesticides and a report on the Commission's use of weedicides was submitted to this Committee.



Fabricated from heavy gauge steel, this patented portable version of the original watertight seal for flow control structures developed by the Commission has been adapted for farm checks.

UNDERGROUND WATER SUPPLY

Pumping tests carried out on part of the Thomson River Flats, during a groundwater survey conducted jointly by the Mines Department and the Commission, indicated that yields of about 10,000 gallons per hour of good quality water can sometimes be obtained. However, location of suitable aquifers is difficult and further work will be required to define them accurately.

DRAINAGE INVESTIGATIONS

In the Swan Hill Irrigation Area groundwater pumping from sand beds is being undertaken at Woorinen, as one method of lowering water table levels. On the Swan Hill Flats regular readings of observation wells have not yet shown any trend in groundwater levels.

In the Murray Valley Irrigation Area the installation of a trial subsurface drainage system of plastic drain pipe wrapped in fibre-glass has been completed. Further experimental drainage systems will be installed in other areas when the water table is high.

Forty bores of an average depth of 60 feet were sunk in the Kerang and Cohuna Irrigation Areas to locate aquifers which are believed to be a major cause of salting. Piezometers were installed in fifteen of these deep bores. Two aquifer systems were tentatively mapped.

At Calivil a pumping test, lasting one month, gave promising results of groundwater control. A further test of longer duration is planned. Altogether there are about 550 acres of saline land in this area.

Six pumps are now operating in the Central Gippsland Irrigation Area, some permanently, others intermittently, to control groundwater levels. The land reclamation projects, about 90 acres in all, were regraded and sown to perennial pasture as demonstration areas.

A contract was let for the installation of a grid of deep bores in the Red Cliffs Irrigation Area as part of a survey of sub-surface and groundwater conditions.

A trial was also carried out at Red Cliffs to compare the performance of plastic drainage pipes with tiles and to compare the effectiveness of cross drainage with the normal down-row drainage.

DRAINAGE ADVISORY SERVICES

Drainage advisory services are operating at both Red Cliffs and Swan Hill Centres where they have proved very popular. During the year drainage schemes were designed for 51 vineyards ; and drainage works, including the installation of pipes totalling 2,000 chains in length, were supervised. In addition, to improve internal drainage outfalls, ten pumps were installed on properties at Woorinen.

Irrigators at Nyah and Tresco are also becoming interested in the drainage service.

SALT-TOLERANT PLANTS

Trials of promising salt-tolerant plants have been carried out for several years using seed provided by the C.S.I.R.O. Encouraging results have recently been obtained with a new species, *Puccinellia capillaris*. Further investigations are now being carried out on the Kerang Agricultural Research Farm.

WATER MEASUREMENT

More accurate measurement is considered to be an essential part of watering on the farm, and for this reason, the factors affecting the accuracy of the Dethridge Meter Wheel have been defined in detail following four years of research. Arising from this work the Commission has made arrangements to adjust wheel settings and to control the flow conditions under which the meters operate.

WATERTIGHT SEALS

Further progress has been made in the sealing of meter outlets and channel regulators to reduce loss of water through leakage. In irrigation areas where a majority of structures has been sealed a substantial rise in distribution efficiency has been noted.

The seals are being sold throughout Australia and the royalties are being used to further develop the research programme.

EFFICIENT WATER USE

Field experiments have been continued at Swan Hill and Kyabram, the results pointing to the general need to use larger flows in surface irrigation.

A range of flow-control structures incorporating the watertight seals has been developed for use on irrigation farms. Research into the design and operation of automatic surface irrigation equipment is also well advanced. Plans have now been finalized for demonstrating this and other irrigation equipment on the Kerang Agricultural Research Farm.

The use of sprinkler irrigation is being examined to determine the advantages and effectiveness of the method for vine growing.

SOIL SURVEYS

In conjunction with the Commission, the Department of Agriculture undertook soil surveys in the Buffalo River tobacco-growing areas and in the Kerang and Campaspe Irrigation Areas, a total of 44,000 acres of land being surveyed. Technical Bulletin No. 17 covering the Rochester and Campaspe Irrigation Areas was published during the year by the Department of Agriculture and is available on request from local Commission offices.

ADVISORY ACTIVITIES

The Commission participated in the Science Exhibition and the Boy Scout Jamboree, using a display designed to impress children with the importance of conserving Australia's water resources. The display was effective, being visited by at least 100,000 people.

Three issues of "Water Talk" were produced during the year for distribution to irrigators in all vine areas, and in pasture areas around Swan Hill.

Fields days were held at Woorinen and Tresco in conjunction with the Department of Agriculture to demonstrate irrigation and furrow preparation methods.

VISITS

Mr. A. Webster, Senior Irrigation Officer, attended the Third International Training Course on Land Drainage at Wageningen in the Netherlands. It is expected that the up-to-date techniques adopted in the Netherlands will assist the Commission's work in drainage and reclamation.

* * * *

IRRIGATION DIVISIONS

GOULBURN DIVISION

The year was characterized by good general rains through the late winter and spring, providing full storages up to the beginning of December when irrigation commenced in earnest. Irrigation continued, with no significant interruption, until the end of the season in mid-May.

The Goulburn River sustained strong flows for an extended period, but Loch Garry was opened only once to limit flooding further down the river.

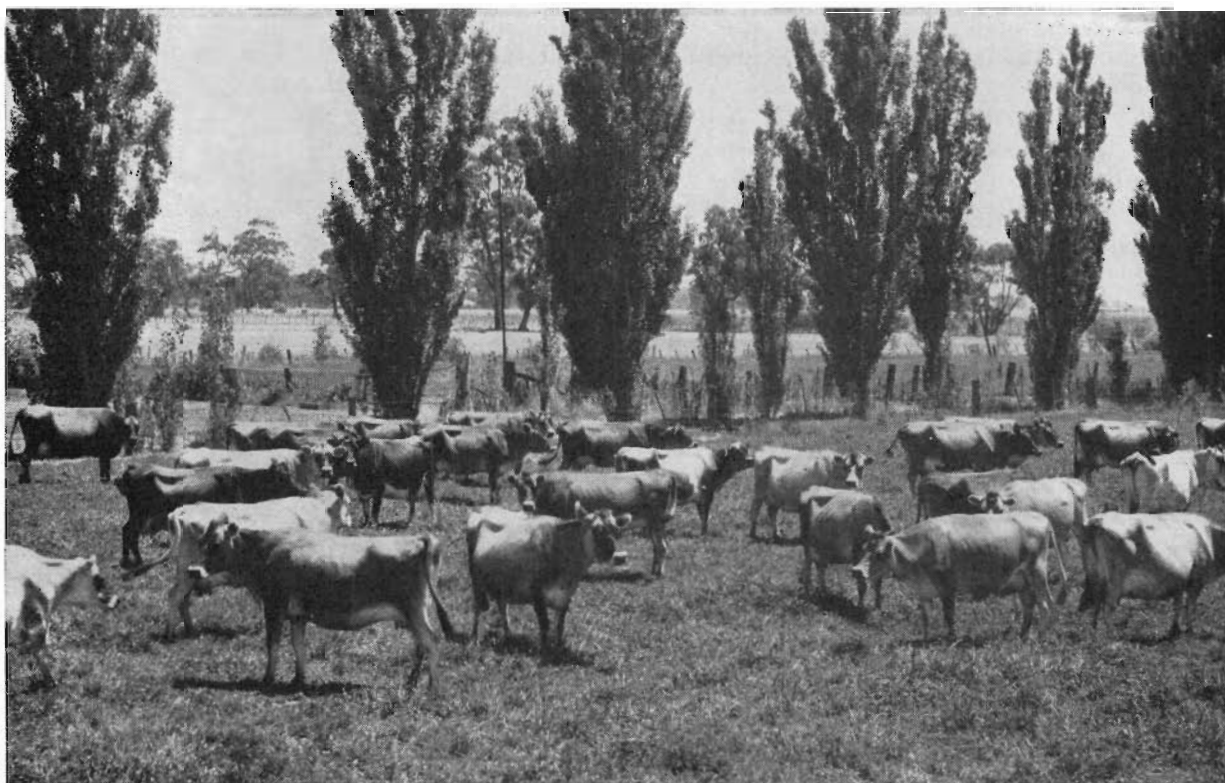
The quantity of water delivered to users within the Goulburn Division totalled 673,000 acre feet from a total of 932,000 acre feet received at district offtakes, giving an efficiency of 64 per cent.

The volume of water rights available to Goulburn Division holdings under the provisions of the *Water Act* 1964 is 682,000 acre feet. The sales quotas, stock and domestic allowances, and township and industrial requirements increase the total commitment to 900,000 acre feet in a normal year. Supply of this quantity of water will require enlargement of many channels previously regarded as adequate. A very high standard of maintenance of all works will have to be achieved.

Many applications for approval of subdivisions and for additional services such as meter outlets, drainage inlets and occupation bridges were received as development of land and allocation of further water rights proceeded.

Drainage works proceeded in the Murray Valley, North Shepparton and Deakin Areas, channel and bridge reconstruction or replacement in Rodney, Tongala-Stanhope and Deakin Areas, and ground-water investigations in the Murray Valley Area.

The Shepparton, North Shepparton, South Shepparton and Katandra Irrigation Areas were combined to form one Area, known as Shepparton Irrigation Area. The four Advisory Boards will continue to serve the same localities which will now become "electorates" of the Shepparton Area.



Dairy herd, Rodney irrigation district.

The District Engineers and Assistant Engineers attended training courses dealing with aspects of district administration and operation. Training programmes for water distribution staff were implemented in each Irrigation Area.

Radio telephonic communication in the Rodney Irrigation Area proved to be of great advantage and steps towards establishment of similar services in other Areas have been initiated.

Murray Valley Irrigation Area—(Administrative Centre—Cobram)

The vigorous aquatic weed *Elodea*, which has spread throughout the irrigation channel system and many of the drains, caused a considerable reduction in carrying capacity early in the irrigation period when the only known suitable and effective weedicide was not obtainable. Full capacity was regained shortly after receipt of the weedicide.

One hundred and twenty miles of drains were chemically treated, 105 miles cleaned mechanically and 212 meter wheel outlets were fitted with new door frames, neoprene sealing strips and steel doors.

Sixteen flow meters were installed on pumps diverting Water from Torgannah Lagoon and Broken Creek. The regulator in Broken Creek at Katandra Weir was replaced.

Water delivered to users totalled 212,538 acre feet.

Shepparton Irrigation Area—(Administrative Centre—Shepparton)

Thirty-seven subdivisions were processed and a number of rural holdings transferred to the Shepparton Waterworks Trust Area.

One large check, seven large bridges and a number of minor structures, including 32 meter outlets, were constructed. Four large road culverts were widened and 138 meter outlets rehabilitated. Twenty-four channel offtakes and 132 meter outlets were fitted with new door frames, neoprene seals and doors. Seven pressure meters were installed on Broken Creek.

The extension of the District Office was completed, the remainder of the building renovated and painted, and the office partially re-furnished.

Nineteen miles of channels and 143 miles of drains were cleaned by mechanical means and 9 miles of channels and 59 miles of drains were treated with chemicals.

One new residence was provided; detached offices were added to three; and hot water services were installed in five residences.

Water delivered to users totalled 133,538 acre feet.

Rodney Irrigation Area—(Administrative Centre—Tatura)

Thirty-seven applications for subdivision were processed and many other problems associated with increased development were investigated.

One hundred and eight new structures and 20 meter outlets were installed ; 49 structures and 98 meter outlets were rehabilitated ; 44 miles of channels were cleaned and topped ; and 110 miles of drains were cleaned or sprayed. Forty chains of *Poa aquatica* were sprayed and eradication should be completed during the coming season. Thirty-eight miles of access tracks were formed, and 4 miles gravelled.



A York dredge, shown here removing silt and weed growth from a drain in northern Victoria. It was imported from Germany.

On the Stuart Murray Canal, 4 large subways were almost completely replaced, 3 bridges were repaired and some channel banks graded to provide vehicular access.

Work on maintenance of berm drainage and roadways and repair of scours continued on the Cattnach Canal.

One house was replaced.

Water delivered to users totalled 202,470 acre feet.

Tongala-Stanhope and Deakin Irrigation Areas—(Administrative Centre—Tongala)

The enlargement of the channel system in these Areas has not proceeded to the same extent as in other Areas within the Division and the heavy demand for water fully taxed the major distributary spurs.

The whole of the drainage system was treated with chemicals and very satisfactory results were achieved.

Plans for replacement of the storage tank and pumping installation in the Stanhope Urban Area were completed.

Other works carried out included the mechanical cleaning of 30 miles of channel and 20 miles of drains, the construction of 4 road culverts, 2 subways, 11 meter outlets and the fitting of 140 frames and neoprene-sealed doors on meter outlets.

Water delivered to users totalled 124,305 acre feet.

LODDON DIVISION

The year showed further substantial improvement in water distribution efficiency and distributary works.

Over 1,020 miles of channels and drains was sprayed with Aqualin and other chemicals ; while mechanical cleaning by excavator and weed cutting by launch and by hand was effected on a further 495 miles of channels and drains.

In addition nearly 250 old channel structures were replaced with new standardized concrete works ; more than 200 new meters were installed to replace open or unmetered outlets and nearly 400 existing meter outlets were fitted with watertight doors to reduce wastage of water.

A very wet spring resulted in low demands for water until about the beginning of December. In spite of this, a record volume of 587,500 acre feet of water was delivered to landholders during the season. This figure exceeded last year's record delivery by 40,000 acre feet and was achieved as a result of further distribution improvements and excellent co-operation between water distribution staff and irrigators. It resulted in record weekly deliveries in areas controlled from Rochester, Pyramid Hill and Boort.

The record volume delivered again reflects the continued improvement in the capacity and efficiency of the Waranga Western Main Channel and the beneficial effect of the contribution by the Campaspe Pumping Station at Rochester, with its injection of water into this channel for distribution in the system as required.



Installing twin 66-inch pipeline to carry the Campaspe No. 1 channel below the highway and railway 5 miles south of Rochester. Workmen had 37 hours between trains to complete the laying of the pipes.

Improvements to office accommodation, district stores, depots and progressive improvements to staff housing were also effected.

A comprehensive report was presented to the Parliamentary Public Works Committee recommending works to improve supplies to the central and north-western portions of the Torrumbarry Irrigation System. These proposed works include the deepening of Pyramid Creek from Kow Swamp to the Loddon River, the more efficient use of Kow Swamp as a storage during the irrigation season and the construction of a new channel from the Loddon River to Lake Kangaroo. These works, if approved, will result in improved supplies to Fish Point, Tutchewop Outfall Area and Tresco and will reduce water losses throughout the System.

BOORT

Earthworks were completed on the fourth stage of the Boort No. 2 Channel to the 12-mile Area. It is anticipated that this area will be served by this section of channel during the 1965-66 irrigation season, thus permitting the elimination of the present wasteful system of supply from the Loddon River below the Loddon Weir.

Improved maintenance techniques such as Aqualin injection for weed control, intensive weed spraying and the use of polythene sheeting, together with the provision of more neoprene sealing strips in meter outlets and more extensive meter rehabilitation enabled a record annual delivery of 39,578 acre feet and a record seasonal efficiency of 77 per cent. to be attained. An all-time record weekly delivery of 3,398 acre feet was achieved in March.

COHUNA

Restoration of the Cohuna Weir is continuing and will be completed prior to the commencement of the 1965-66 irrigation season. Construction of the Piccaninny Barr Drainage Scheme is progressing and considerable assistance has been given to the Commission on finalizing location of drains by members of a drainage committee of landholders formed for this purpose.

In addition ten miles of access tracks was constructed on channels and drains.

Thirty-seven private diverters were included in the Goulburn Murray Irrigation District and an additional 34 applications are being considered for inclusion.

With increased control of water distribution and the construction of improved structures to increase the efficiency of the system a record annual delivery of 129,907 acre feet was achieved.

KERANG

Important works included the replacement of an existing syphon on Wandella Creek with combined road culvert and syphon to increase the waterway for the passage of flood water, the provision of two pumps at the Mystic Park No. 5 Channel offtake for supply to the area when supply by gravitation is not possible, the installation of a new pump house for the Murrabit Urban District and the continuation of the remodelling of irrigation channels in the Tutchewop Outfall Area.

Works were also carried out on Pyramid Creek with the result that less difficulty than in previous years was experienced in passing flows along the Creek. These works included the removal of the floor of the old Pyramid Creek Flume, beaching of the western bank to protect the downstream wall of the flume and the removal of willow trees from the creek bed.

A record area of 125,927 acres was irrigated during the 1964-65 irrigation season, and the total delivery was 117,977 acre feet.

PYRAMID HILL

Work commenced on the construction of a new, modern office at Pyramid Hill to replace the present inadequate and dilapidated building.

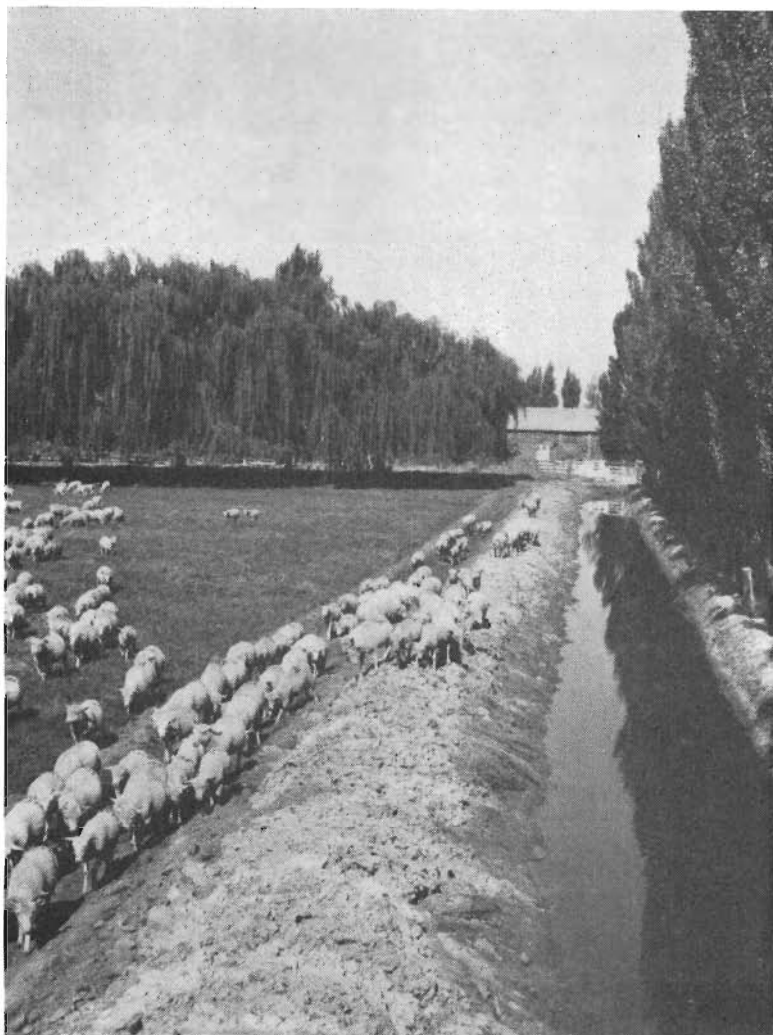
Despite the relatively low spring demand for water at the commencement of the irrigation season a record annual delivery of 119,000 acre feet was attained, due mainly to the increased demand during the prolonged dry period from December to mid-April, to increased plantings of permanent pasture in the Tragowel Plains and Calivil Irrigation Areas and to the early watering of annual pastures.

A comprehensive programme of meter outlet rehabilitation was commenced and it is anticipated that concentrated efforts in this regard in the next few years will result in a marked improvement in the control of water to farms and in distribution efficiency.

ROCHESTER

Due to the contribution made by the Campaspe Pumping Station the rate of delivery of water exceeded any amounts previously attained with a weekly average of 5,519 acre feet for fourteen consecutive weeks, including a record of 6,025 acre feet for five consecutive weeks. An efficiency of distribution of 71.2 per cent. was also the highest yet achieved.

A new high chain-mesh fence was constructed around the Lockington Urban Storage Reserve.



Sheep on an irrigated property,
northern Victoria.

Of the water discharged from Lake Eppalock, a total of 3,754 acre feet was pumped by the irrigators in the Campaspe Irrigation Area to irrigate an area of 1,747 acres ; and 22,835 acre feet was pumped into the Waranga Western Main Channel for distribution in the Goulburn Murray District and the area west of Rochester.

SWAN HILL

There was an exceptionally wet spring and a uniform demand for water. Total delivery was 51,917 acre feet.

Construction work on the Swan Hill Flats Drainage Scheme continued with the completion of earthworks on the No. 4 Main Drain and three spurs off the No. 2 Drain. Earthworks were also in hand on spurs off the No. 2 and No. 4 Drains. The construction of the No. 3 Drain pumping station was well advanced and the No. 4 Drain pumping station at the River Murray was completed.

Work is also progressing on the regulator at Fish Point, and the Pental Island pumping station and connecting channel to the Little Murray Weir. It is expected that the Pental Island pumping station and channel will be ready for operation early in the 1965-66 irrigation season.

The completion of the Swan Hill pumping station ensured an adequate supply by contributing 7,990 acre feet to the system from the River Murray.

The area controlled by the Swan Hill Centre was transferred from the Loddon Division to the Mallee Irrigation Division for administrative purposes on 1st May, 1965.

* * * *

SOUTHERN DIVISION

MACALISTER DISTRICT

The total rainfall for the year was 19.12 inches which is $4\frac{1}{2}$ inches below average.

Above-average rains fell in the latter part of winter and in spring, but November was exceptionally dry and a high demand for irrigation water was experienced. Good rain fell in December, but January, February and March were also exceptionally dry. Through this period the demand for irrigation was high and had not rain occurred in April the storage would have been emptied by the end of the season.

Lake Glenmaggie filled by mid-July and remained full until draw-down commenced on the 25th November. It then commenced to fall steadily until the 15th April when it reached its lowest volume of 37,640 acre feet.

There has been little rain since the season finished and the volume in storage on the 29th June was only 55,780 acre feet.

Deliveries for the season were a record 96,754 acre feet ; the peak weekly delivery being 6,118 acre feet in the week ending 13th March, 1965.

Normal maintenance of channels and drains was carried out during the year and approximately one mile of re-lined concrete channel at Boisdale was treated with peratol to repair small cracks.

In the comprehensive drainage scheme another 4 miles of the Lake Wellington Drain was reconstructed and $2\frac{3}{4}$ miles of the new Lake Wellington No. 3 Drain (Myrtlebank Deviation) was completed. At Boisdale, $1\frac{3}{4}$ miles of the No. 2 was reconstructed and one mile of the 1/B2 Spur was finished.

Further work has been carried out to reduce the underground water problem in the Central Gippsland area. Ten chains of the Nambrok-Denison Main Channel was treated by placing compacted filling with lime added to prevent the occurrence of sink holes and the possibility of water reaching the underlying aquifers. During the year No. 8 pump has been electrified and an electrically-operated unit is being purchased for the No. 11 site to improve the removal of underground water.

The construction of a residence for the Head Water Bailiff at Maffra was completed.

In the first week of March, 1965, several bush fires broke out north of the District and advanced towards Lake Glenmaggie and finally Maffra. The administrative and work force of the Maffra Centre assisted the Country Fire Authority with men and equipment to fight the fire. Ten timber bridges on the Main Northern, Main Sale and Valencia Creek channels were damaged by the fires and nine are being replaced.

BACCHUS MARSH AND WERRIBEE DISTRICTS

The irrigation season commenced with a wet winter and spring with virtually no watering, but the dry summer produced a high demand for irrigation water and deliveries of water were the fourth highest on record.

Bacchus Marsh.—Gunite lining of a further $5\frac{3}{4}$ miles of channels was completed and a further 3,200 feet of channel has been replaced by pipe.

Werribee.—Further work has been carried out on the reconstruction of Werribee Drain D1 and the renovation of other drains has improved the drainage situation within the District.

* * * *

PUMPING DISTRICTS

RED CLIFFS

Irrigation and Drainage

The administration and operations of the Red Cliffs District have been satisfactory with a total quantity of 39,668 acre feet of water being pumped for irrigation. This represents an average depth of water of 46.3 inches per acre over the area watered provided at the Commission's pumping station. The lowest application per acre was 5.7 inches, the maximum 8.2 inches and the average 6.4 inches per acre irrigated. Included in the above total figure is an amount of 2,082 acre feet pumped for special irrigations.

The programme of open channel replacement with pipe-lines has been continued—a total length of 9 miles of spur channels was replaced in pipe ($2\frac{3}{4}$ miles of reinforced concrete and $6\frac{1}{4}$ miles of asbestos cement pipe). In conjunction with this pipe-replacement programme 104 new meter outlets were installed, bringing the total number of meter outlets in the district to 364 and the metered area to 4,280 acres, or 37 per cent. of the total water right area.

Experiments continued with alternative linings for open channels, and normal supply channel and drainage channel maintenance continued.

Selected weed sprays were applied along the banks of 62 miles of channel to control paspalum and along $8\frac{1}{2}$ miles of earth channels and drainage outfalls to control cumbungi.

General replacement of, and maintenance to structures along supply and drainage channels continued as programmed.

The production from citrus areas in the Red Cliffs district for 1964-65 was 130,000 bushels.

Research is continuing relative to nematodes and boron in supply and drainage water and their effect on vine and citrus production.

The Red Cliffs Advisory Board met on nine occasions.

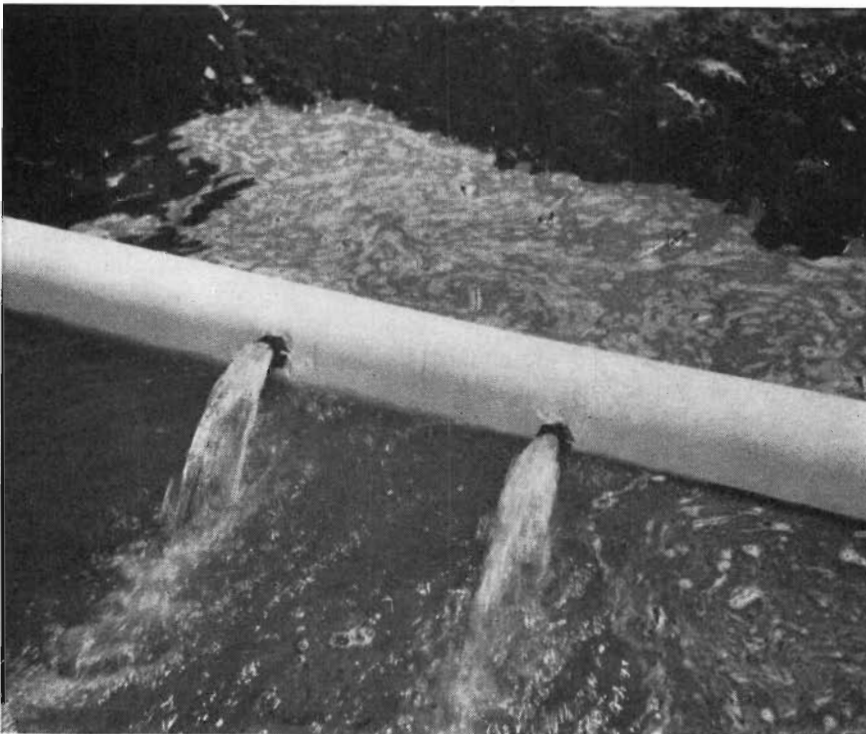
Millewa Waterworks District—Carwarp Section

All Commission channels in the area, totalling 82 miles, were cleaned by contract ditcher prior to the commencement of watering. The watering programme commenced on 6th July, 1964, and was completed in 21 days—2 days longer than for the 1963-64 season. A total of 1,294 acre feet was pumped to fill 116 dams.

URBAN DISTRICTS

Red Cliffs

Minor extensions to the urban reticulation system were completed and new services connected. Operation and maintenance of the urban district system continued satisfactorily.



Polythene tubing for irrigation at Red Cliffs. The 36-inch circumference tubing, is stored flat when not in use. Here, water is pouring from the adjustable outlets.

Carwarp

Supply was maintained during the year. However, investigations and surveys are currently in hand to provide greater storage capacity and a more efficient distribution system.

MERBEIN

Irrigation and Drainage

The administration and operation of the Merbein irrigation and drainage area has been satisfactory during the 1964-65 season. The quantity of water pumped for irrigation totalled 32,115 acre feet, including 1,444 acre feet for special irrigations. The minimum average depth of watering per acre was 6.7 inches, the maximum average depth per watering per acre 7.75 inches with an overall depth of 42.1 inches per acre being available at the Commission pumps for irrigation for the season.

The programme of open channel replacement with pipe-line has continued—5.7 miles being completed during the year, making a total of 21.7 miles now completed out of the total district channel mileage of 64 miles.

In conjunction with the channel replacement programme 70 new meter outlets were installed, making a district total of 270 serving 47 per cent. of the 8,000 acres irrigated.

Maintenance of concrete channels, gates, regulator controls and other associated structures continued.

The Merbein Advisory Board met on nine occasions during the year.

Millewa Waterworks District—Millewa Section

All Commission channels in the Millewa section, totalling 393 miles, were cleaned under contract, using ditcher equipment prior to the watering programme.

Pumping commenced at Lake Cullulleraine on 1st July, 1964, and continued for 65 days, i.e., until 3rd September, 1964, 7 days longer than for the 1963–64 watering programme. A total of 6,482 acre feet was pumped to fill 440 dams. A further total of 256 acre feet of water was pumped at Merbein pumping station to fill dams in the Yelta area. Maintenance to structures continued.

Merbein Urban District

The old rising main from the pumping station to the elevated tower has been replaced with 800 feet of 12-inch diameter concrete-lined mild steel and 1,900 feet of 12-inch diameter asbestos cement pipe. Normal maintenance to mains and meters has continued.

An overall investigation is currently progressing to provide greater supply pressures to some areas of the town.

ROBINVALE

The administration and operation of this district has been satisfactory and a total of 17,141 acre feet of water was pumped for irrigation purposes. This amount included 1,880 acre feet during special irrigations. This delivery represents an average quantity of 33·8 inches with a minimum average application of 5 inches per acre and a maximum average application of 6·3 inches per acre per watering available at the Commission's pumping station for the area watered.

A programme to rehabilitate meter outlets over a three year period was started and maintenance to box fluming, pipes, riser valves, &c., continued.

A total of 34 miles of sub-surface drains was installed by landowners, making a total of 343 miles now installed, or 50·5 per cent. of the total drainage layouts designed for the district.

A further seventeen blocks were connected to the drainage system.

Recorders installed at drainage outfalls registered a total of 3,060 acre feet or 20·9 per cent. of the water applied to these holdings served by the drainage system.

The Robinvale Advisory Board met on ten occasions during the year.

Tyntynder North Waterworks District

Pumping of supplies for this area commenced on 1st July, 1964, and was completed in 28 days—14 days longer than for the 1963–64 season. A total of 966 acre feet was pumped to fill 100 dams.

Prior to the commencement of watering channels were cleaned using day labour maintenance personnel and equipment.

Urban District

The volume of water pumped for use in the urban district was 93,335,000 gallons, an increase of 19,180,000 gallons over the same period during 1963–64.

Low river flow required the use of auxiliary pumping units at the river inlet to the pumping station. To improve supply during peak demand modification to the main pumps has been completed. The demand of the urban district is being met by a redesign of the pumping units.

NYAH

Irrigation and Drainage

The operations of the Nyah Irrigation Area for the year have been satisfactory with a total quantity of 9,249 acre feet being pumped for irrigation, including 346 acre feet for special irrigations. This quantity represents an average total depth of 39·8 inches, with the minimum average depth per watering of 6·2 inches and a maximum of 7·1 inches available for irrigation at the Commission's pumps.

As part of the maintenance programme 12 miles of channel was sprayed with weedicide and repairs to earth and concrete lining and associated structures continued.

Sub-surface drainage operated satisfactorily and normal maintenance work continued.

Conversion of the Nyah pumping station from steam to electric drive is in progress.

The Nyah Advisory Board met on thirteen occasions during the year.

Mallee, Northern Mallee and Tyntynder North Waterworks Districts

The operation of the domestic and stock system in the area for the season was satisfactory.

Watering commenced with receipt of supplies at the district boundary on 27th March, 1964, and continued for 192 days, being completed on 5th October, 1964. The Cannie Ridge pump operated for 1,837 hours and pumped 1,215 acre feet of water.

The total number of dams filled for the season was 2,573.

Prior to the commencement of watering all channels were cleaned using district personnel and plant.

Structure replacement and maintenance continued to be satisfactory.

Urban Districts

The operation of all urban districts at this centre has been satisfactory during the year. Extensions to and replacements of parts of the reticulation systems at Nyah, Nyah West, Woorinen, Manangatang and Ultima have been completed. The storage capacity at Manangatang has been increased by the construction of a new 2,700-cubic yard storage basin. One annual fill of the Manangatang Urban storages should now meet the annual demands of the urban district users.

Improvements to supply in the Woorinen urban district are being effected by the construction of a pumping station near Burton's Channel and a 6-inch asbestos cement rising main to the district reticulation system. Normal maintenance is satisfactory.

EXCISIONS

The following areas were excised from the Loddon Division and included in the Mallee Irrigation Division as from 1st May, 1965.

Swan Hill Centre

Swan Hill Irrigation Area (including Woorinen)

Fish Point Irrigation Area

Tresco Irrigation District

Pental Island Diverters.

Kerang Centre

Mystic Park Irrigation Area.

* * * *

WIMMERA AND MALLEE DOMESTIC AND STOCK SUPPLIES

WATERING

Favourable conditions caused by heavy rain in June and July enabled 60 per cent. of requirements to be obtained from river flows. The consequent improvement in the storage position enabled Rocklands flow to be diverted to Toolondo Storage, which, combined with lessened evaporation, resulted in an estimated saving of 10,000 acre feet. At the conclusion of watering on 28th October, 1964, the total amount in storage was 427,555 acre feet compared with 324,572 acre feet in October, 1963. Prior to the rain some concern was felt at the condition of the storages which held only 189,093 acre feet at the end of June.

CHANNEL MAINTENANCE

Dry conditions in the early part of the year caused some sand drift, but satisfactory progress was made with cleaning operations until July, when work was abandoned on some channels because of wet conditions. By the end of August, however, 3,860 miles had been cleaned compared with 3,336 miles at the same time in 1963. The season's work was finished in September with ten per cent. more of the total mileage cleaned than in the previous year, enabling water to be delivered to all landholders in very good time.

WORKS

Birchip

Seventy-nine bridges and other channel structures were either built, remodelled or repaired.

The town reservoir at Charlton has been completed and construction of the No. 3 Storage at Korong Vale commenced.

Twenty-three chains of six-inch diameter and 102 chains of four-inch diameter fibrolite mains have been laid in Urban Districts.

At Berriwillock Urban Storage a new gravity line, and a new suction line and pit were constructed.

An access track was constructed between Residence No. 193 and the Avon Weir.

Hopetoun

Twenty-four timber structures were replaced as part of the district programme. On a recoup basis seven new structures were constructed and five widened. A combined occupation crossing and Parshall flume was installed for measurement of water in the East Karkarooc Main Channel.

In the Speed Urban District soil tests have been made prior to construction of the new storage. Electrification of the Tempy urban pumping system is almost complete.

Replacement of 76 chains of 4-inch diameter wood pipe with asbestos cement pipe was carried out on the Tempy rising main.

Horsham

On Taylors Lake Inlet Channel a new road-bridge was constructed. On Taylors Lake Outlet Channel a new prefabricated control check was installed near the offtake.

New culverts have been installed on the Pimpinio Channel in conjunction with construction of a new overpass by the Country Roads Board at Wail.

Strengthening of the Dimboola and Antwerp Weirs was completed ; this work was partly financed by a grant from the Rivers and Streams Fund.

Six old wooden culverts on the Kalkee and Penny's Channels were replaced with reinforced concrete pipe structures.

Erosion rectification work on Taylors Lake frontage is in progress.

Murtoa

Twenty-one bridges and culverts were replaced on main channels throughout the District. In addition five concrete bridges were redecked with prestressed slabs, and one redecked and widened on the Charlton and East Karkarooc Channels. Six small meter wheels and five Sparling type meters were installed at irrigation outlets.

Recoup works included nine culverts widened, one regulator installed and a section of the East Laen Channel deviated.

The Lake Lonsdale by-pass channel works were completed together with an additional subway.

Storages were enlarged at Marnoo and Rupanyup and beaching was placed at Brim Storage.

Replacements of defective mains were effected at Jung, Minyip and Rupanyup and another was extended at Minyip.

Ouyen

The earthen storage was enlarged by contract at Walpeup increasing capacity by 4,540 cubic yards. Water level recorders were installed on the Tyrrell West, Dennyning and Eureka Channels.

Wooden culverts were replaced with reinforced-concrete pipes on channels throughout the District.

In the Walpeup West Bore Area Bore No. 77 was relined with 4-inch casing.

In 1950, 400 acres of ryecorn were sown to prevent sand drift. The area has decreased each year and this year it was only necessary to sow 30 acres, reflecting the increased interest in soil conservation throughout this area.

* * * *

FARM WATER SUPPLIES

The demand for technical assistance from the Commission's Advisory Service by landowners whose properties are not located within districts administered by the Commission, and who depend on private conservation schemes for their water supply, has been sustained during the past year. During the past five years, a total of 900 inspections of individual properties has been made by the Farm Water Supplies Section, including 145 during 1964-65.

By availing themselves of the service, farmers throughout the State may determine the classification of the soils they propose to use in building a storage and an analysis of the water available, for a particular use. Other aspects include advice on the practicability of the storage site and the economics of the project generally; technical data concerning the construction of earthen embankments and low level weirs; the legal rights to take water and associated matters. Preliminary advice is also given to irrigators who desire surveys and layouts for irrigation to be undertaken by the Commission's survey teams. Many enquiries are dealt with by personal interview and correspondence, which includes publications and technical bulletins dealing with the subject, where an inspection of the property is not warranted.

A recent amendment of the Water Act regulates the construction of weirs and dams in any stream or watercourse, irrespective of whether the bed and banks of the stream are privately owned or within Crown reservations. Other recent legislation provides that the Soil Conservation Authority may make surveys and design and supervise the construction of dams.

In consideration of the safety aspects of private water conservation works on a watercourse, the Commission requires that where the capacity of the storage exceeds 20 acre feet, or the height of the embankment exceeds 20 feet from natural stream bed to spillway level, the works be designed and constructed by a qualified Engineer of Water Supply. This requirement will be waived, however, if the work is to be supervised by the Soil Conservation Authority.

Talks on water conservation were given to interested bodies which included an Agricultural College, Dairy Field Supervisors Conference, Dairy Farmers Discussion Groups in north-east Victoria, and the Australian Administrative Staff College.

The services of the Commission's Engineering Laboratory have been obtained in cases dealing with the problem of soils with a high dispersing potential; and field trials in the use of chemical additives to reduce failure by "piping" are being closely observed. The reduction of seepage through flocculated soil types by chemical treatment is being tested in the field.

The dry summer and autumn months of 1965 caused anxiety among many private divertors and stimulated interest in farm water conservation.

There has been a significant trend towards the formation of co-operative groups to construct storages which could safeguard the summer supply in headwaters of certain tributary streams where low flows fail to meet summer demands.

* * * *

URBAN SUPPLIES

BELLARINE PENINSULA SYSTEM

In the Urban Districts of the System the Commission installed 8.2 miles of trunk and reticulation mains; and 0.6 miles of existing mains were replaced because of age and inadequate size. A total length of 9.1 miles of trunk and reticulation mains was laid by private subdividers at Clifton Springs near Drysdale, Ocean Grove, Barwon Heads and Leopold. As part of the Clifton Springs water supply scheme, the subdividers have completed the construction of a pumping station and an 8-million gallon steel storage tank, and both have been placed in operation.

The 45-million gallon excavated storage at Queenscliff was completed and a manproof fence was erected around the two Queenscliff storages. The enlargement of the outlet works at the Bellarine Basin was completed and a rural extension 0·8 miles in length was laid in Rhinds-road, Wallington.

Water received in bulk from the Geelong Waterworks and Sewerage Trust totalled 606 million gallons compared with 499 million gallons in 1963-64. New services connected to the mains numbered 409, bringing the total number of services at 30th June, 1965, to 7,655.

COLIBAN SYSTEM (See Appendix E.)

Good rains were received on the catchment area during July, and the main storages commenced to overflow at the beginning of August. Water was supplied to irrigators on the basis of volume-allocation permits with an extra allocation of up to 25 per cent.

New services totalled 402, compared with 365 for 1963-64 bringing the total number of services supplied from the reticulation system at 30th June, 1965, to 19,352.

Improvement works were continued on the Malmsbury-Bendigo Main Channel and 0·8 miles of concrete flume was constructed.

Approximately 7 miles of extension mains and 1·2 miles of replacement mains were laid in Bendigo, Castlemaine, Elphinstone, Newstead, Fryerstown and Strathfieldsaye. Cleaning and cement mortar lining of cast iron mains *in situ* was carried out on a total length of 2·4 miles of 12 and 18-inch diameter cast iron mains in Bendigo and Harcourt.

Total lengths of 0·3 miles of 12 inch, 0·3 miles of 15-inch and 0·7 miles of 30-inch diameter steel mains were laid to improve supply to the North and East Bendigo areas and a booster pump was installed at Charleston-road, Bendigo, to improve the supply to the East Bendigo High Level Area.

The construction of a 2·25-million gallon excavated service basin which will be filled from the Eppalock Pipeline was commenced at Strathfieldsaye.

MORNINGTON PENINSULA SYSTEM

New services added to the system numbered 2,354 compared with 2,460 in 1963-64. Eight hundred and thirty-six new meters were installed. The number of services supplied by the system at 30th June, 1965, was 32,758.

Restrictions on the use of water were imposed from 25th February, 1965, to 23rd March, 1965, in all areas except the Dromana-Portsea, Dandenong, Springvale and Hampton Park Urban Districts and properties supplied from the Bittern-Dromana Pipeline.

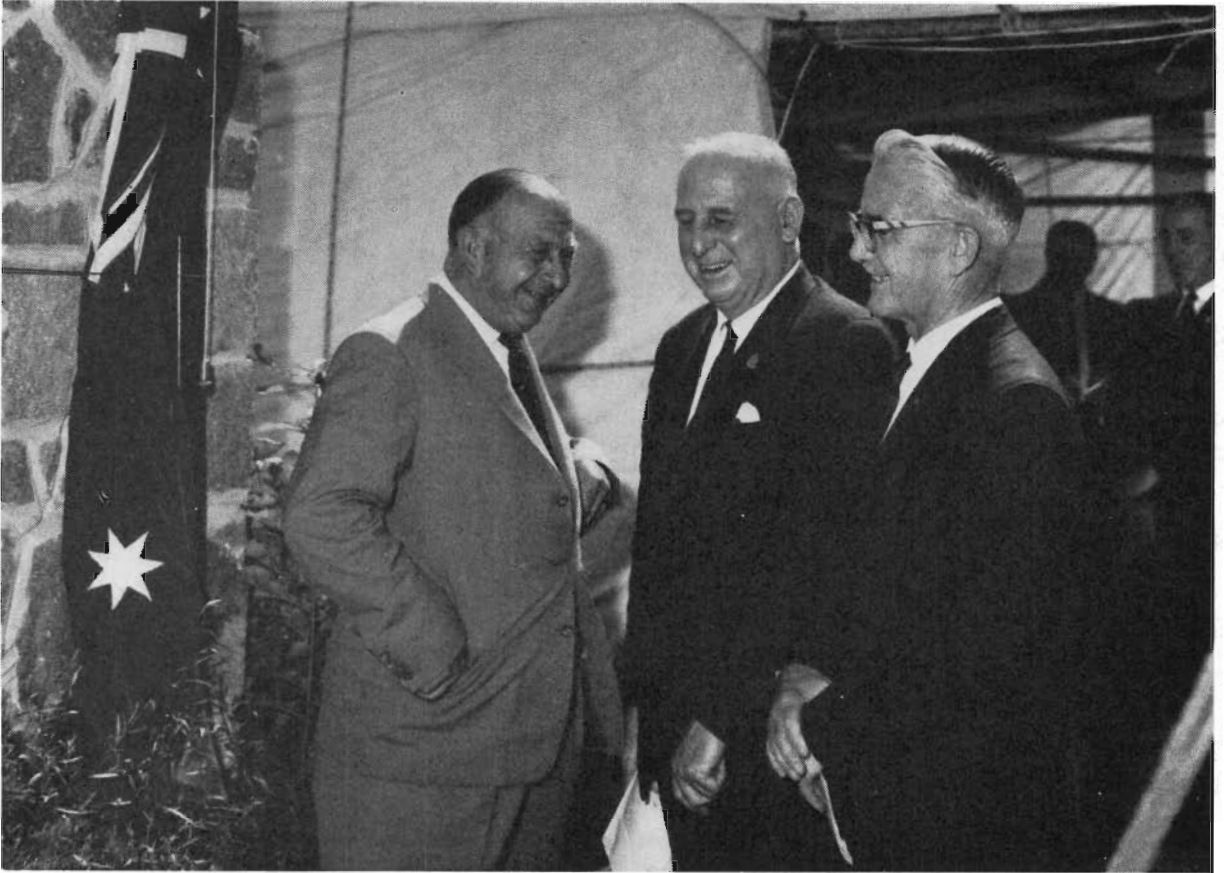
Throughout the system, 34 miles of new reticulation mains were laid. This included 7 miles in the Dromana-Portsea Urban District and 6·5 miles laid by private subdividers; 3·5 miles of existing reticulation mains were replaced. The Dromana-Portsea supply main was completed with the laying of 2 miles of 27-inch diameter cement mortar lined mild steel pipes from Blairgowrie to Sorrento. The 15-inch and 12-inch diameter wood-stave trunk mains between Seaford and Frankston were replaced with 1·6 miles of 30-inch diameter cement mortar lined mild steel main.

Welded steel tanks with capacities of 500,000 gallons and 40,000 gallons were constructed by contract and a pumping station was erected to supply the high-level area at Safety Beach, Dromana.

An excavated service basin with a capacity of 1·87 million gallons was constructed, a pumping station was erected and the installation of a second lift pumping station is in progress to supply the high-level area in the vicinity of Humphries-road, at South Frankston.

The erection of a 3-million gallon welded steel tank by contract and the construction of a pumping station is in progress to supply an extensive high-level area at East Frankston.

At Devilbend Reservoir beautification works, the pumping station and road construction were completed and 1·3 miles of 36-inch diameter cement mortar lined mild steel rising main were laid between the pumping station and the Bittern-Dromana pipeline.



Mr. L. R. East, C.B.E., (right) at the opening of Devilbend Reservoir, where he acted for the last time in his official capacity as Chairman of the Commission at such a ceremony. With him is Hon. H. E. Bolte, Premier of Victoria and Hon. T. A. Darcy, the Minister of Water Supply.

A fire break one chain wide was cleared around the inside of the boundary of the Beaconsfield Reservoir reserve.

Forty-two miles of fences around existing storages were replaced with new security fences and 0.6 miles of security fencing was erected around new storages.

Replacement of timber pipe bridges on the Bunyip Main Race with concrete structures is in progress.

OTWAY SYSTEM

The total quantity of water discharged through the Otway Main Pipeline was 968.7 million gallons, consisting of 742.9 million gallons diverted from Arkins Creek and 225.8 million gallons pumped from the Gellibrand River between February and April. New services numbered 159 compared with 92 for 1963-64. The number of services supplied by the system at 30th June, 1965, was 3,493, in addition to those located in the City of Warrnambool which purchases water in bulk from the Commission.

The booster stations pumped the following quantities of water—Carpentait, 491 million gallons; Mt. Ewen, 555 million gallons and Terang, 359 million gallons. The booster pumping station at Cudgee was not used during the year.

The volume of water supplied to the City of Warrnambool was 510.5 million gallons. The pumping station at Brierly was operated as required to augment supply to the low-level storage in Warrnambool.

A rural extension consisting of 1.5 miles of 4-inch and 6-inch diameter asbestos cement pipes was installed to supply the Terang Race Course and the adjacent rural properties. An extension of 0.2 miles of 4-inch diameter asbestos cement mains was laid in the Terang Urban District.

The installation of the Noorat-Glenormiston water supply scheme was completed and included the laying of 8.7 miles of 4-inch, 6-inch and 10-inch diameter asbestos cement mains, the erection of a pumping station and the construction of an 800,000-gallon steel tank.

The duplication of 4·2 miles of the Otway Main Pipeline immediately upstream of Tank Hill Reservoir with 18-inch diameter cement mortar lined steel pipe was completed. For approximately 2·2 miles of this length the new pipeline was laid above ground. The duplication of the Main Pipeline between the Mt. Ewen Booster Pumping Station and the Terang Bifurcation is in progress.

WONTHAGGI URBAN DISTRICT

Water delivered from the Lance Creek Reservoir to the Wonthaggi Urban District was satisfactory in both quantity and quality and little treatment was required during the year.

* * * *

WATERWORKS TRUSTS AND SEWERAGE AUTHORITIES

TOWN WATER SUPPLIES

New water supply systems were brought into operation to serve thirteen towns, namely Allandale, Bass, Broomfield, Cowes, Goorambat, Heywood, Kingston, Newhaven, Newlyn, San Remo, Seaspray, Springmount and Thorpdale. In addition, a supply to Molesworth was inaugurated by the Yea Shire Council under the provisions of the Local Government Act.

A new Waterworks Trust was constituted for the supply of water to Landsborough. Two local governing bodies combined to form the Talbot and Clunes Shire Council, which now controls the existing supplies at Clunes and Talbot. The Warburton Waterworks Trust had its jurisdiction extended by the addition of a new Urban District at Warburton East.

At the new town of Churchill, water supply works are being installed by the Latrobe Valley Water and Sewerage Board under an agreement with the Housing Commission. It is proposed that this supply will be taken over by a local water Authority constituted at a later date.

The total number of local water Authorities constituted to supply water for domestic, general and industrial purposes under the general supervision of the Commission remains unchanged at 183, but the number of towns involved has increased to 239. Of these Authorities, 175 have works in operation serving 223 towns. Several of these Authorities also supply water to nearby rural areas for domestic and stock purposes.

Loan and other Expenditure

Government loan funds totalling £1,400,069 were expended by Waterworks Trusts and Local Governing Bodies on town supplies during 1964-65 and a further £99,500 was raised by certain Authorities from private sources. The total expenditure on country town water supplies was £1,499,569.

In addition the Latrobe Valley Water and Sewerage Board received Government loan funds totalling £332,307, which enabled a reserve storage at Hazelwood, with the associated pumping station and pipeline, to be completed. The Board also made good progress with works to supply Churchill. The first stage works, comprising an offtake from the existing Billys Creek pipeline, a gravity main, storage, trunk main and reticulation to some 200 housing sites, are nearing completion, the expenditure to date (included in the Board's expenditure above) being £84,354.

The Geelong Waterworks and Sewerage Trust raised £202,500 by private borrowing during the year to meet expenditure on capital works. The Trust's new storage of 5,000 million gallons capacity on the West Barwon River was virtually completed and is now filling. Two booster pumping stations were built to increase the discharge of supply mains. Major additions to the Trust's offices were completed and extensions to the storeyard and workshops were commenced.

The total capital expenditure in 1964-65 on town water supplies controlled by local Authorities was £2,034,376 of which £1,732,376 was met from Government loan funds.

Other Works

Two extensive water supply schemes—one to supply the Gembrook, Cockatoo and Emerald area, and the other for Hurstbridge, Wattle Glen and Panton Hill—were commenced during the year, together with new town supplies at Forrest, Peterborough, Port Campbell and Thornton.

Water purification plants are under construction at Cohuna, Seymour and Tongala. Installation of a gravity pipeline, 6½ miles in length, from Rocklands Reservoir, to improve the supply to Balmoral, is almost completed, and a further stage in the enlargement of the trunk main to Horsham was carried out. The building of an earthen dam on Wombat Creek to store 125 million gallons for Daylesford is in progress. Service storages were completed at Colac, Donald, Fish Creek, Malmsbury, St. Arnaud, Toora and Wahgunyah.

The First Mildura Irrigation Trust carried out a further stage in its programme of improvements to its channel and drainage systems.

Major improvements to reticulation systems were carried out at Hamilton, Maryborough, Shepparton, and Warragul.

SEWERAGE AUTHORITIES

New Sewerage Authorities were constituted for Cobram, Drouin and Yallourn North. The total number of Sewerage Authorities operating under the general supervision of the Commission is now 78, excluding the Geelong Waterworks and Sewerage Trust and the Latrobe Valley Water and Sewerage Board. In addition, the Commission directly operates the sewerage system at Eildon.

The Red Cliffs sewerage scheme was completed and house connections are now proceeding, so that a total of 56 local Authorities now have sewerage works in operation.

Construction of the Lang Lang sewerage system is nearing completion and installation of new sewerage works is in progress at Charlton, Mt. Eliza, Seymour and Willaura. In addition, the sewerage of Churchill is being carried out by the Latrobe Valley Water and Sewerage Board for the Housing Commission, pending the formation of a local Sewerage Authority.

Major extensions of existing sewer reticulation systems were installed at Bairnsdale, Shepparton, Springvale, Noble Park, Traralgon, Wangaratta, Warragul, Warrnambool and Wodonga. At Castlemaine and Dandenong, additions to the treatment works are under construction.

Expenditure.—Sewerage Authorities operating under the Sewerage Districts Act expended £1,734,359 on capital works during the year. Of this amount £426,059 was provided by the Government as loan or grant and the balance of £1,308,300 was borrowed from private sources. In addition, the Latrobe Valley Water and Sewerage Board expended £178,772 from Government loan funds on development of additional effluent disposal areas at its Dutson farm (£78,651) and on the sewer reticulation and outfall sewer for Churchill (£100,121).

The Geelong Waterworks and Sewerage Trust privately borrowed £448,000 which was used mainly for major sewer reticulation extensions and the commencement of the main outfall sewer remodelling project.

The total capital expenditure on country sewerage works thus amounted to £2,361,131, of which £604,831 was provided from Government funds.

* * * *

FLOOD PROTECTION, DRAINAGE AND RIVER IMPROVEMENT

KOO-WEE-RUP FLOOD PROTECTION DISTRICT

During the year normal maintenance of drains was carried out.

Ten miles of drain was reconditioned with mechanical plant, 83 miles cleaned by manual labour and 52 miles treated with chemical weedicides.

Repairs were effected to 21 road bridges, three occupation bridges and four other structures. Three road bridges were replaced, and a road bridge and two occupation bridges were reconditioned. The residence of the Officer-in-Charge was replaced with a new timber residence.

During the year 8,586 tons of sand was removed from the Koo-wee-rup Main Canal for commercial use, whilst in the same period 3,513 cubic yards was taken from the Cardinia Main Drain.

CARRUM DRAINAGE DISTRICT

Further progress has been made with the construction and re-modelling of drainage works in the area, the enlargement of Eel Race Drain downstream of Wells-road and Wadsley's Drain having been almost completed. Conversion to underground pipe of the Bardia-avenue Drain and Seaford Swamp Drain from Kananook Creek to Seaford-road was also practically finished.

Progress was made with the raising of the south-east levee of the Main Canal upstream of Wells-road and the timber road bridge on Worsley's-road over the Eumemmering Drain was replaced with a concrete structure.

The flushing of Kananook Creek with fresh sea water from the Riviera Outlet has proved satisfactory. During the summer the flushing, which was assisted by the pump installed for the purpose, operated very efficiently.

Maintenance consisted of 23 miles of drains and banks sprayed to kill weed growth and 15 miles cleaned by manual labour. Repairs were carried out to four road bridges and minor repairs to a number of other structures.

A section of scoured batter below the concrete crest capping on the north bank of the Patterson River has been repaired by placing stone pitchers on the batter face.

RIVER IMPROVEMENT AND DRAINAGE TRUSTS

The number of operative Trusts constituted under the River Improvement Act remains at twenty for river improvement and four for drainage. While no new Trusts were constituted during the year, one application was received for the formation of a Trust along the Thomson River, including the Rainbow Creek, and several Councils are proceeding with investigations for the formation of Trusts along sections of the Avoca River, the Loddon River, the Mt. Emu Creek, the Fifteen Mile Creek and for streams within the Shire of Upper Murray.

Expenditure by Trusts under the River Improvement Act amounted to £239,570 (compared with £220,000 in 1963-64), of which the Government provided £182,764 by way of grant, in addition to £19,570 advanced as grants from the Rivers and Streams Fund.

The total expenditure from Government loan and other grants on river improvement and drainage by Trusts since 1950, when the first Trust was formed, now amounts to £2,143,482.

DEPARTMENTAL COMMITTEES

The Sludge Abatement Board, the Drainage Consultative Committee, the Interstate Committee on Murray Levees, the Interstate Committee for River Murray Works and the Departmental Advisory Committee on Upper Murray Works met as required during the year to deal with river improvement and drainage problems affecting various departments and bodies.

RIVERS AND STREAMS FUND

One hundred and forty-seven grants totalling £63,166 were made from this Fund during the year to various municipal councils and other local authorities throughout Victoria towards the cost of river improvement. This amount includes the advances totalling £19,570 to River Improvement Trusts eligible to receive Frontage Grants, as mentioned above.

Revenue to the Fund in 1964-65 was £59,552 (£57,477 in 1963-64), of which £43,484 was derived from fees received by the Lands Department for the licensing of stream frontage reserves and £16,068 from the nett fees received from licences and permits issued by the Commission to divert water from surface sources throughout the State.

Since the Rivers and Streams Fund was initiated in 1930, 2,474 grants totalling £753,910 have been made to various authorities in Victoria. With the local contribution, generally one-third of the cost, this represents an expenditure of over £1,130,000 on river improvement, subsidized from this Fund.

LAKE CORANGAMITE RECLAMATION PROJECT

The water level in Lake Corangamite rose by 39½ inches during the very wet winter and spring of 1964. However, although the inflow in this period exceeded that in 1960, the peak flood year, the maximum water level was held to 25 inches below the 1960 peak. The level had fallen 16 inches by 30th June, 1965, leaving a nett rise for the year of 23½ inches.

During the winter season the Cundare Pool was able to impound nearly 60,000 acre feet of the flood inflow, so that water flowed over the Cundare Barrage into Lake Corangamite proper on only fourteen days.

In addition, the channel was used to divert water from the Woady Yaloak River and from the Cundare Pool to the Barwon at full capacity for many months. A record total of 61,000 acre feet was passed to the Barwon River during the year, making the total diversions 192,000 acre feet. If this water had not been diverted, it would have raised the level of Lake Corangamite a further 31 inches and flooded an additional 2,800 acres of agricultural land.

The reduced level of Lake Corangamite as at 30th June, 1965, was 387.55 feet, this being 3.45 feet below the 1960 peak.

MAJOR WORKS

The survey, investigation, design, construction and maintenance of the major works of the Commission are grouped under the Major Works Branch, the work of which has been greatly facilitated by the introduction of the 10-year programme of water conservation works. A considerable amount of forward planning has already been made possible.

INVESTIGATIONS FOR FUTURE WORKS

TEN-YEAR PROGRAMME FOR STORAGE CONSTRUCTION

On the 12th July, 1963, the Premier announced a long-term programme of country water supply works for the next ten years, including construction of eight new storages throughout Victoria—Devilbend Reservoir, Lake Bellfield, Buffalo Reservoir, Corop Lakes, Tarago Reservoir, Nillahcootie Reservoir, Lake Merrimu and Lake Mokoan (for details see p. 27–28 of Annual Report for 1963–64). Geological and engineering investigations connected with these projects, and planning of operational procedures, have been continued. As noted elsewhere, the Devilbend and first-stage Buffalo Reservoirs are now complete, and Lake Bellfield is well advanced.

GOULBURN–MURRAY IRRIGATION DISTRICT

As already stated further evidence was submitted to the Parliamentary Public Works Committee on proposals for the remodelling of the Torrumbarry Irrigation System.

In addition investigations are proceeding on major works necessary for the delivery of increased water rights to areas west of Waranga Reservoir which at present are dependant for their supplies upon the Waranga Western Main Channel which would require substantial and very costly enlargement over its total length of 120 miles if it were to provide for ultimate requirements. Alternative proposals have been investigated to bring water from the Murray by pumping from Kow Swamp, thence by channel south to command about 70 per cent. of the Tragowel Plains Irrigation Area, relieving the peak demand on the western end of the Waranga Western Main Channel and allowing greater flexibility of supply throughout the system. Small balancing storages at the west end of the system are also being investigated. These investigations are being continued to arrive at an estimate of the cost of such works and the consequent saving in the extent of enlargement of the Waranga Western Main Channel.

MORNINGTON PENINSULA SYSTEM

An investigation was made of the Mornington Peninsula System in connection with the planning of increased capacities for headworks and distributory works to meet future demands.

WATER QUALITY

Collection and analysis of data on water quality in streams throughout the State was continued.

USE OF COMPUTERS

In several water resource investigations involving lengthy computations based on large sets of data, use has been made of electronic computers available at Melbourne centres.

HYDROLOGIC RESEARCH

Research into statistical treatment of hydrologic data was continued. Subjects to which particular attention was given, both as to theory and specific applications, were the estimation of flood flows in connection with dam design, the estimation of divertible percentages of natural stream flows and problems of long-term storage behaviour.

* * * *

DESIGN

IRRIGATION AND DRAINAGE

Drainage channel design was continued for the Murray Valley, East Goulburn (including Dunbulbalane Closer Settlement Area), Central Goulburn, Rochester, Tragowel Plains, Koondrook, Cohuna, Swan Hill and Central Gippsland (Macalister) Irrigation Areas ; and Kooweerup and Carrum Drainage Districts.

Designs for drains and drainage structures for the Carrum Drainage District are reaching a final stage for completion of works prior to handing over the area to the Dandenong Valley Authority.

At Lake Bellfield project, workmen blend prilled ammonium nitrate with 5 per cent. of fuel oil to form an explosive which is cheap and safe to handle.



Irrigation designs were prepared for new channels, remodelling and enlarging existing channels, channel structures and bridges in the East Goulburn, Central Goulburn and Rochester Areas and the Torrumbarry System and Campaspe District. Designs were continued for new channels in the Deakin area.

An extensive design programme for the reconstruction of main carriers and for additions in the Torrumbarry system is in progress.

Subdivision planning for the Campaspe Closer Settlement Area was commenced in collaboration with the Rural Finance and Settlement Commission.

Designs were completed for pumping stations to improve irrigation supplies in the Swan Hill Area. Reconstruction designs of the abutments of Cohuna Weir were also completed.

Designs were prepared for bridge replacements on the Waranga Western Channel, and for improvements to the Stuart Murray Canal offtake regulator.

CONSERVATION WORKS

Existing Works

Investigations, basic designs and cost estimates for proposed improvements to Melton Dam and its spillway were completed.

Field investigations were completed at Pykes Creek Reservoir for the downstream extension of the outlet necessitated by the Country Roads Board's plans for deviation of the Western Highway ; preliminary design work is in hand.

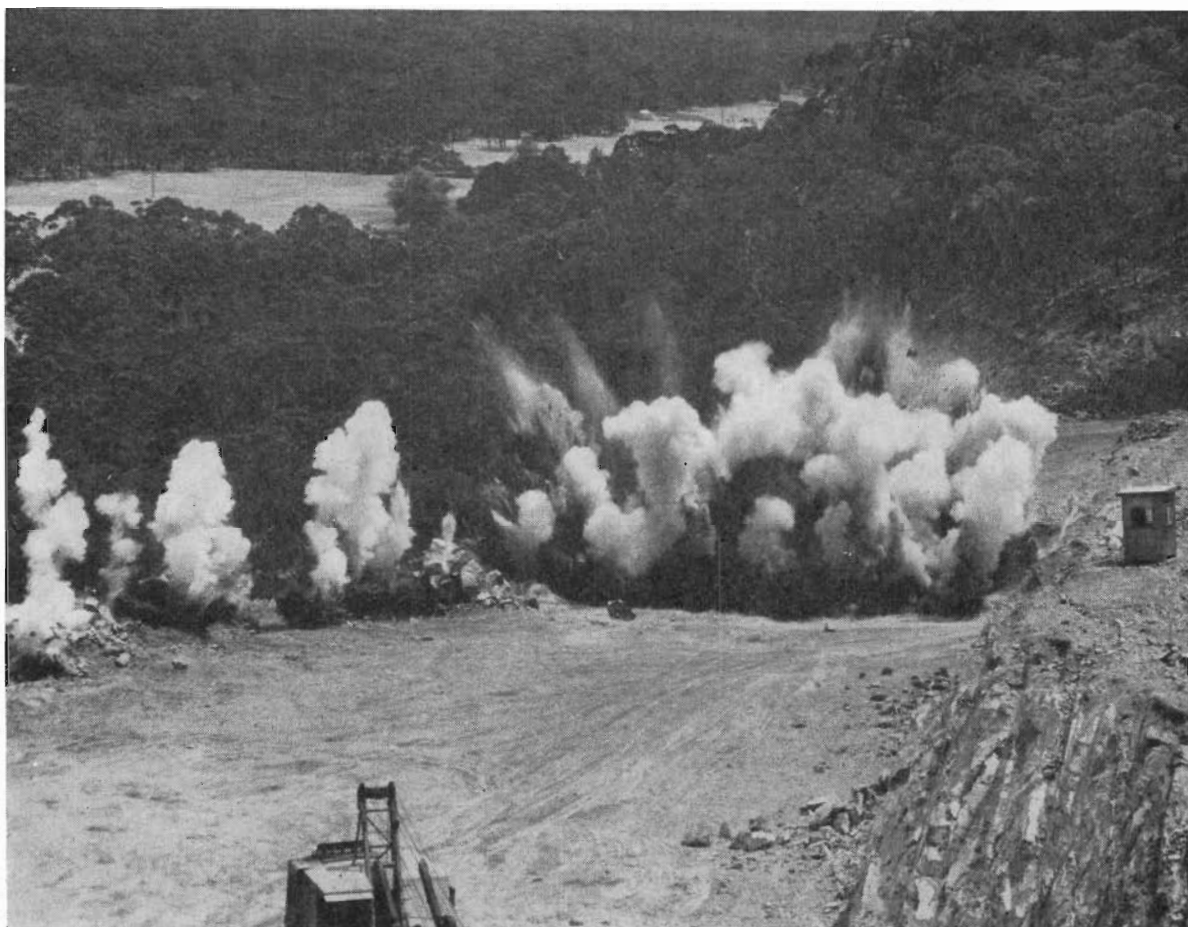
At Lake Hume investigations of wave-height for the design of rip-rap protection works were made and stability analyses completed. Technical discussions were held with interstate engineers regarding proposed works.

New Works

Designs and drawings for the Lake Bellfield Project were completed.

Designs and drawings for the first stage construction of the Lake Buffalo Dam were completed and preliminary geological and other field investigations for the second stage were commenced.

Field investigations, including geological and geophysical surveys, were continued for the Tarago River storage project, five possible sites (two near Neerim and three near Neerim South) having been examined. A preliminary design was commenced for the most promising site.



An explosive charge rips the ground at the Lake Bellfield Project.

Field investigations are well advanced for the Nillahcootie Reservoir Project, including a geophysical survey by the Commonwealth Bureau of Mineral Resources. Preliminary designs and cost comparisons were completed for various alternative arrangements and types of dam construction. Final designs were put in hand for an earth and rockfill dam.

Investigations in connection with the Lake Mokoan Project were undertaken at the proposed diversion weir sites on the Broken River and Hollands Creek.

For the Lake Merrimu Storage Project preliminary planning for boring and other field investigations have commenced.

Technical discussions were held with interstate engineers and overseas consultants employed by the Engineering and Water Supply Department, South Australia, regarding the construction of Chowilla Dam.

HYDRAULIC EXPERIMENTAL STATION, WERRIBEE

Water metering investigations included studies on large and small Dethridge meter outlets, pipeline meters, a Neyrpic Distributor and ratings for drop bar and gate offtake structures.

Scale models were constructed and tested of spillways for the Lake Buffalo Dam and Lake Bellfield. Models were also used to study the wave action on the Lake Hume embankment. Scouring tendencies at Fish Point Weir and a measuring weir on the Central Goulburn Channel No. 8A were also studied by models, and rating curves on the Central Goulburn Channels Nos. 9A and 10 were determined.

Studies and tests were conducted for Waterworks Trusts and for other Departments.

CONSTRUCTION

LAKE BUFFALO PROJECT

Construction of the dam was substantially completed during the year, closure being effected on 1st June, with the storage of water commencing on that date, leaving the installation of spillway gates and some other minor work to be completed during July and August, 1965. The construction was scheduled for the short time of fifteen months and was completed as planned.



Lake Buffalo dam, first stage. This will act as the toe of the High Dam scheduled to start construction in 1968-69.

LAKE BELLFIELD PROJECT

Construction of Bellfield Dam was continued. Progress was retarded by difficult foundation conditions, but these have now been overcome and the Project will be completed during 1965-66. The construction of the dam has greatly stimulated tourist interest and activity in the area.

DEVILBEND DAM PROJECT

The construction of the dam and associated pumping station and pipe-line was completed. The works were officially opened by the Honorable, The Premier, on 28th January, 1965.

GOULBURN—MURRAY IRRIGATION SYSTEM

Expenditure on works in the remodelling programme totalled £1,294,000 including £275,000 spent on drainage.

Channel construction and enlargement continued in the North Shepparton, Rodney, Deakin, Tongala-Stanhope and Rochester areas. Drainage channels were constructed in North Shepparton and Rodney areas and work was commenced on the Pyramid No. 1 Drain.

In North Shepparton, irrigation supply channels for the whole of the Dunbulbalane Closer Settlement area have been substantially completed, 12½ miles of channel being constructed during the year. Eight miles of drains were built.

Works to improve the efficiency, as drainage carriers, of the Broken and Nine Mile Creeks were commenced. A powerful suction cutter dredge is working upstream in the Broken Creek and nearly a mile of dredged channel was completed.

In the Rodney and Tongala-Stanhope Areas, eight miles of irrigation channels were remodelled.

In the Deakin Area, eight miles of new irrigation channels were constructed and placed in service.

One major siphon and three road bridges were constructed on the Waranga Western Main Channel.

Work commenced on remodelling the Nos. 11 and 14 channels in the Rochester area.

In the Rodney and Deakin Areas, a further two miles of the relocated Deakin Main Drain and three miles of the Mosquito Depression Drain were completed.

Construction of the Fish Point Weir on the Little Murray River and a pumping station on the Murray River at Swan Hill was substantially completed. Construction of a pumping station on the Murray River at Pental Island, to serve the Swan Hill Area, was commenced.

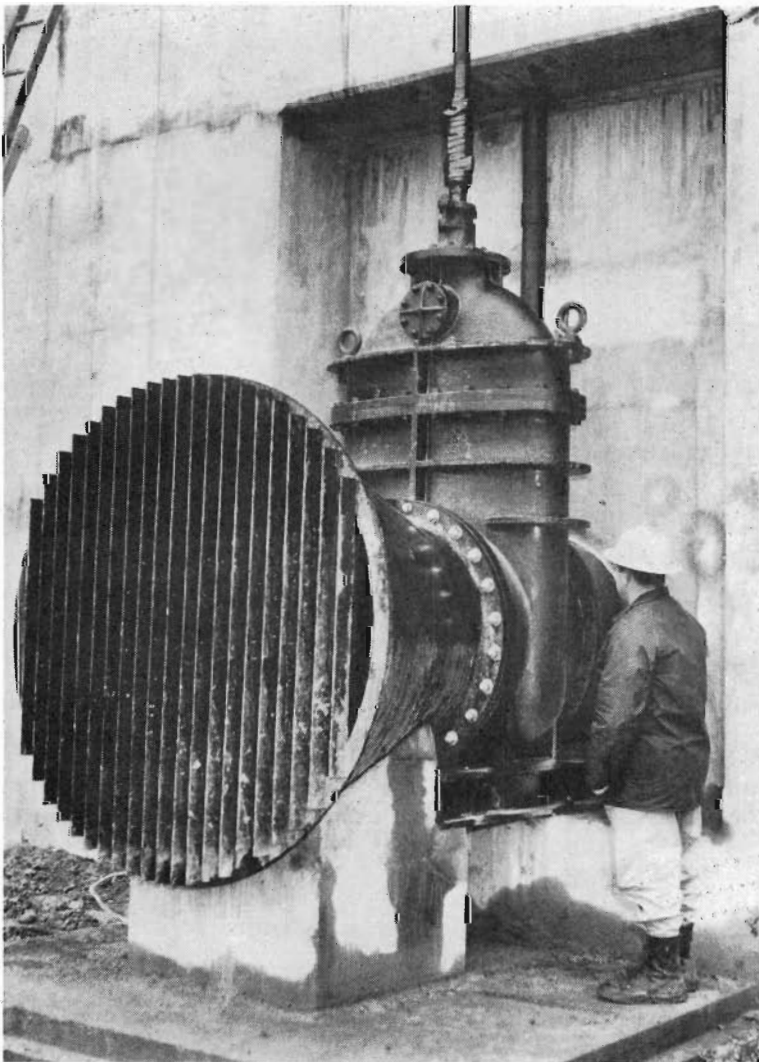
Construction of drains to serve the Soldier Settlement holdings in the Murray Valley Irrigation Area was continued and $4\frac{1}{2}$ miles of drains were completed, making a total of $210\frac{1}{2}$ miles. Expenditure for the year was £87,000 out of the total of £275,000.

LAKE EPPALOCK PROJECT—CAMPASPE IRRIGATION AREA

Work continued on the construction of irrigation channels in the Campaspe area, $3\frac{1}{4}$ miles being completed. Work has been somewhat retarded by the need to treat porous strata, but good progress is being made. Some minor works on the Eppalock-Bendigo pipeline were completed. Total expenditure was £237,000.

CENTRAL HIGHLANDS PROJECT

The Geelong Waterworks and Sewerage Trust finished the remodelling of the aqueduct between Bolwarrah Reservoir and the Werribee River and this project is now complete.



Trash rack and 36-inch diameter regulating valve, Lake Buffalo Dam.

MAJOR STORAGES MAINTENANCE

Regular maintenance was carried out at all Reservoirs.

The New South Wales Constructing Authority is continuing with the placing of additional rock on the upstream face of Hume Dam.

To accommodate high river conditions, weirs at Toorumbarry and Mildura were withdrawn from the river and the opportunity taken to overhaul both structures.

At Goulburn Weir, work is proceeding on the reconstruction of the offtake regulator of the Stuart Murray Canal. The work will be completed during July, 1965.

The installation of a fixed gantry for removal of bulkheads is being carried out at Cairn Curran Reservoir.

Additional toilet blocks were provided for the public at Lake Eildon, Lake Eppalock, and at Lauriston and Newlyn Reservoirs.

HOUSING AND BUILDING CONSTRUCTION

Seventeen new staff residences were completed during the year and contracts let for three others.

Contracts for additions to offices at Shepparton and Boort were completed. A contract for the construction of a new office at Pyramid Hill was let and work is in progress.

* * * *

ENGINEERING LABORATORIES

BACTERIOLOGICAL LABORATORY

The bacteriological examination of water samples from town water supplies throughout the State was continued for the Commission's urban districts and for local water authorities.

Tests are carried out in the laboratory to determine the presence of certain types of bacteria which indicate the extent of any pollution of the supply. The results are used to assess the effectiveness of pollution control measures and water treatment processes already in operation. The need for any additional precautions to safeguard the purity of water supplied to consumers may also be indicated.

Following several unsatisfactory test results, investigations showed that chlorination of certain supplies would be desirable and led to the installation of chlorination equipment.

The testing scheme now includes 17 Commission districts and 87 local authorities, involving supplies to 131 towns. A total of 2,312 samples was examined during the year.

CEMENT AND CONCRETE LABORATORY

Standard tests were conducted on 57 samples of Portland cement. Compression tests were made on 568 concrete specimens.

CHEMICAL LABORATORY

Water quality analyses were carried on 2,524 samples, and chemical tests on 58 samples of cement.

ENGINEERING RESEARCH SECTION

Field investigations were expanded using strain gauges, pressure cells and other types of instrumentation, to study the behaviour of buried pipelines in service. In connection with this field investigation, laboratory studies of the properties of asbestos-cement pipes and of expansive clay soils were conducted.

The investigation was assisted by Dr. G. Kassiff, a Senior Lecturer on sabbatical leave from the Israel Institute of Technology, an authority in this field of research, who worked with the Commission for nine months.

MATERIALS INSPECTION

Inspection and testing of structural materials and manufactured products including steel and concrete pipes, prestressed and precast concrete components, steel work, castings, valves and water meters were continued for the Commission and for some water supply authorities in Victoria and in other States.

SOILS LABORATORY

Soils from 63 localities were tested to provide data for the design and construction of major earth dams at Lake Buffalo, Devilbend, Lake Bellfield, Nillahcootie, Tarago and Lake Mokoan projects ; for eight Waterworks Trusts' reservoirs ; for fifteen farm dams ; and for channel works, pipelines, service basins and regulating structures throughout the Commission's irrigation and urban districts.

Assistance was given to the Commonwealth Department of Works, Country Roads Board, and Fisheries and Wildlife Department on special tests needing our laboratory facilities.

Applied research work continued with the study of particular properties of dispersing clays, including the usefulness of chemical additives in modifying undesirable qualities of certain clay types.

Some work was done to determine the electro-chemical properties of core materials placed in Commission dams and service basins of earlier construction.

* * * *

SURVEYS, HYDROGRAPHY, PLANS AND PHOTOGRAPHY

During the year, two pupil surveyors qualified as Licensed Surveyors, but there were still eight vacant surveyor positions at 30th June, 1965.

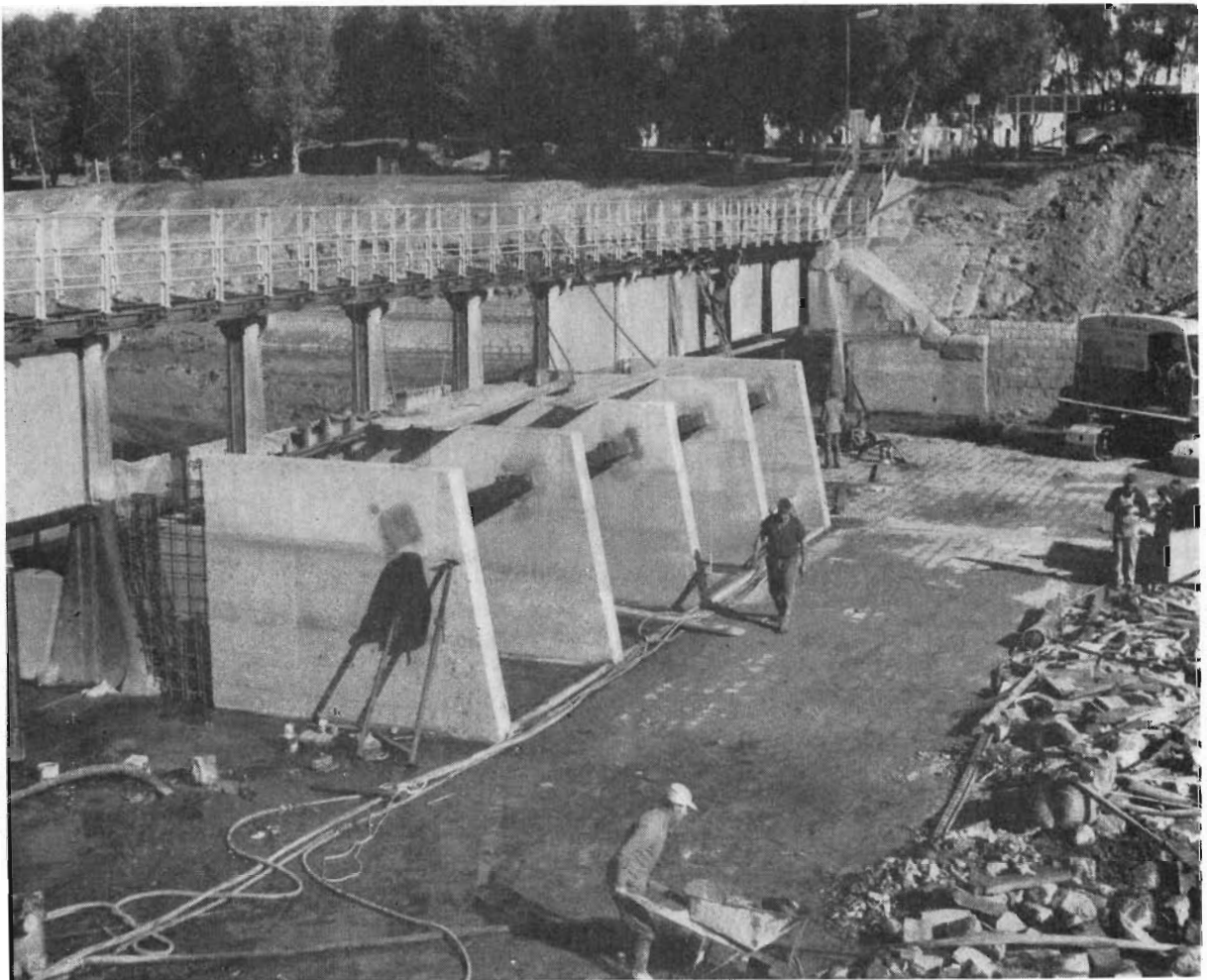
Under the *Cadet Surveyors Act* 1964, the Commission selected six cadets from 37 applicants to enter the Degree Course in Surveying at the University of Melbourne.

From a six-weeks training school held at Belgrave South, nine Survey Assistants were qualified.

Training courses in draughting were held at Head Office through which passed four junior draughtswomen, seven junior draughtsmen and seven engineering students.

Land resumption and easement surveys were completed in 301 properties, and farm lay-out surveys were undertaken for 54 irrigators. Siltation sections were set out in Lake Bellfield and Lake Buffalo (1st stage).

Investigation surveys were continued of possible dam sites on the Tarago, Broken, Buffalo, King and Wannon Rivers and Coimadai Creek.



Reconstruction of the offtake regulator for the Stuart Murray canal at Goulburn Weir. Radial gates will be installed between the concrete piers in the centre of the picture.

Irrigation and drainage surveys were made in the Torrumbarry System, Tragowel Plains, Rochester, Campaspe, Deakin, Carrum, Koo-Wee-Rup, Murray Valley, Shepparton, Maffra-Sale, Nambrok-Denison, Bacchus Marsh, Werribee and Bellarine areas. Pipeline investigations and location surveys were made in the Otway, Frankston and Wonthaggi areas.

Topographic surveys were carried out on the Broken, Tarago, Thomson and Lower Snowy Rivers, Lake Corangamite, Corop Lakes and Broken Creek. A survey to check the capacity of Lake Hume was completed. Three-inch contour surveys were continued in Kyabram, Colbinabbin, Wanalta, Corop, Torrumbarry, Leitchville, Mystic Park, Tresco, Winnindoo and Tinamba areas. A total of 27,000 acres was covered.

HYDROGRAPHY

The number of discharge measurements for the year was 2,059, of which 1,840 were on natural streams and 219 on channels and drains. The total number of stream gauging stations at 30th June, 1965, was 442, including 398 automatic recorder stations.

MAPS, PLANS AND PRINTING

Three hundred and sixty-six title survey plans, 1,039 engineering plans and sections and 813 graphs and general plans were completed. The Plan Room received 2,272 plans and 3,088 aerial photographs, and issued 1,099 plans, 121 photo-maps and 453 aerial photographs. Dye-line prints amounting to 39,307 were made and duplication of plans and typed matter by other methods amounted to 1,008,800 copies.

PHOTOGRAPHY

During the year, 2,938 photographic prints and 1,444 photographic copies of plans were processed.

* * * *

VALUATIONS

RATING VALUATIONS

During the rating year 1964-65 the Commission used for rating purposes valuations made and supplied by nineteen Municipal Councils. The Commission made 1,400 supplementary valuations for its rating purposes.

LAND CLASSIFICATION

Land classification to determine suitability of commanded lands for the apportionment of water rights was carried out in various parts of the Goulburn-Murray District.

LAND ACQUISITION

Claims were received in respect of land acquired for Lake Mokoan, Lake Bellfield, Lake Buffalo and Lake Eppalock, and Devilbend and Tarago Reservoirs, and for irrigation and drainage works in the Goulburn-Murray and Macalister Irrigation, Wimmera United and Upper Wimmera Waterworks and the Mornington Peninsula, Bellarine Peninsula and Otway Districts.

Approximately 180 Notices to Treat and Appropriations were issued and a similar number of claims received. The number of land acquisition cases in which agreement was reached was 187. The claims totalled £520,897, but were settled for £410,013. One hundred and eighty-one claims were awaiting assessment of compensation at the end of the year. Three hundred and forty-eight cases in which enhancement was applied against assessed compensation remained unsettled pending the application of new principles in regard to enhancement in the *Valuation of Land (Appeals) Act 1965*. Approximately 60 claims for damages were received. In 32 cases claims totalling £9,282 were settled for £6,723, and in nine cases liability was not accepted by the Commission.

MISCELLANEOUS

Valuations were made for the purchases and disposal of Urban properties ; for the assessment of rental of property and land vested in the Commission ; for assessment of injurious affection in connection with access investigations ; for estimates of compensation for proposed Major Storage Works—Nillahcootie, Tarago, Lake Mokoan and Chowilla Reservoirs ; and for the purchase of rural properties by negotiation.

PUMPING STATIONS AND PUMPING PLANT

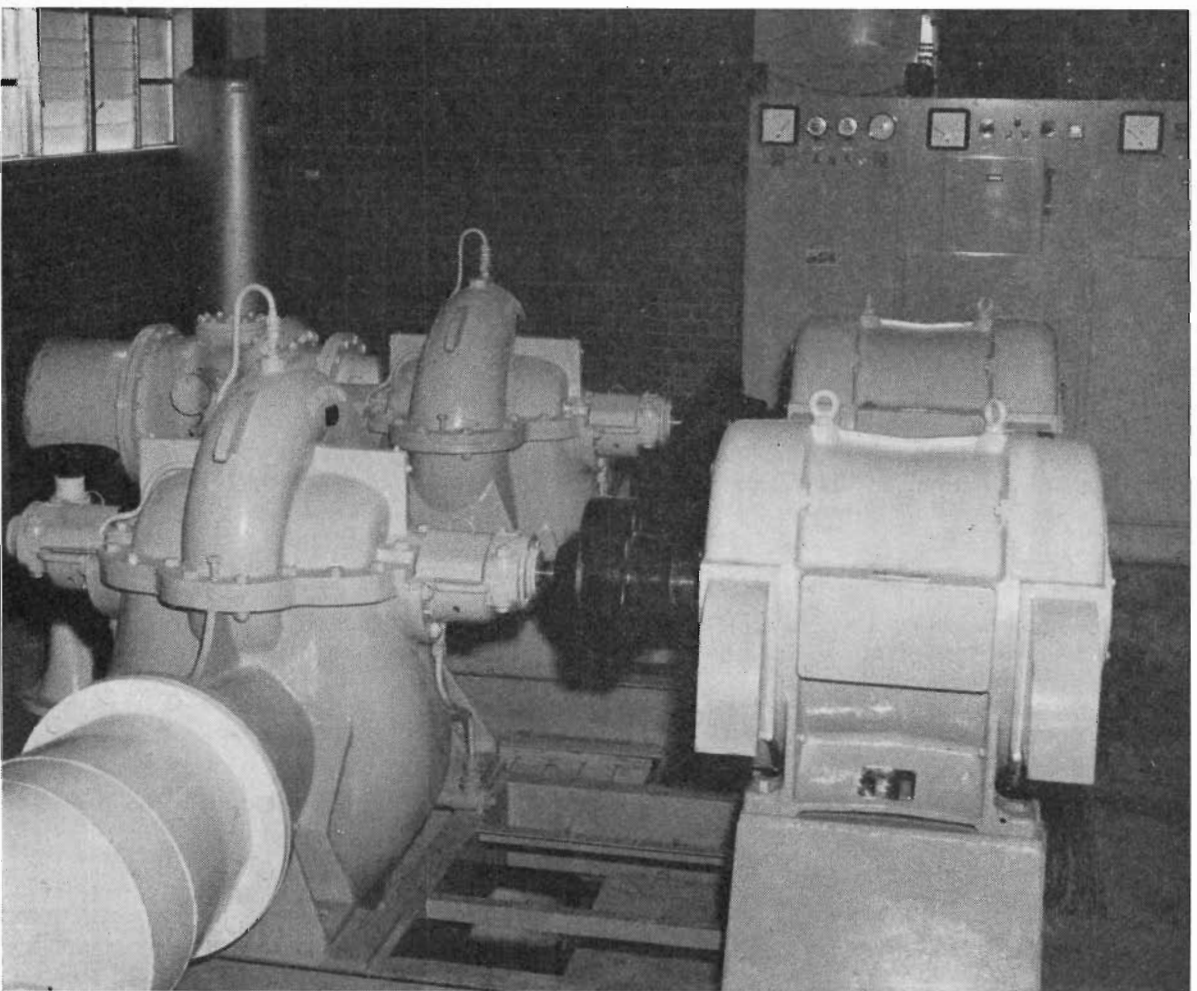
The Commission operates 170 pumping stations and units throughout the State for irrigation and farm water supplies, drainage works, and water supplies to more than 70 towns. Twenty-six stations with capacities ranging from 3 to 200 cusecs deliver irrigation water, the Campaspe station at Rochester being the largest. Domestic and stock water is supplied at eighteen stations which range from three to 100 cusecs. Of these the Millewa pumps are the largest. Drainage water is pumped at 34 localities by pumps with capacities ranging from $\frac{1}{2}$ to 80 cusecs, the Swan Hill-Tyntynder Flats pumps being the largest of these. Urban water is supplied by 92 installations the capacities of the pumps ranging from 0.1 to 22 million gallons per day. The largest urban pumps are at Devilbend and at Eppalock.

The total quantity of water pumped for irrigation and domestic and stock water supplies was a record 216,787 acre feet, including 118,228 acre feet pumped from the River Murray.

NEW PUMPING PROJECTS AND CONSTRUCTION WORKS

Devilbend Pumping Station

The construction of a large pumping station at Devilbend Reservoir for town water supplies to the Dromana-Portsea area was completed. Maximum discharge from this pumping station will reach 22 million gallons per day under peak demand conditions.



At Devilbend Reservoir pumping station these electric-motor driven pumps supply water to the Dromana-Portsea area of the Mornington Peninsula system. The motors are each 170 h.p. and the pumps can each deliver 11 million gallons of water per day.

Swan Hill and Pental Island Pumping Station

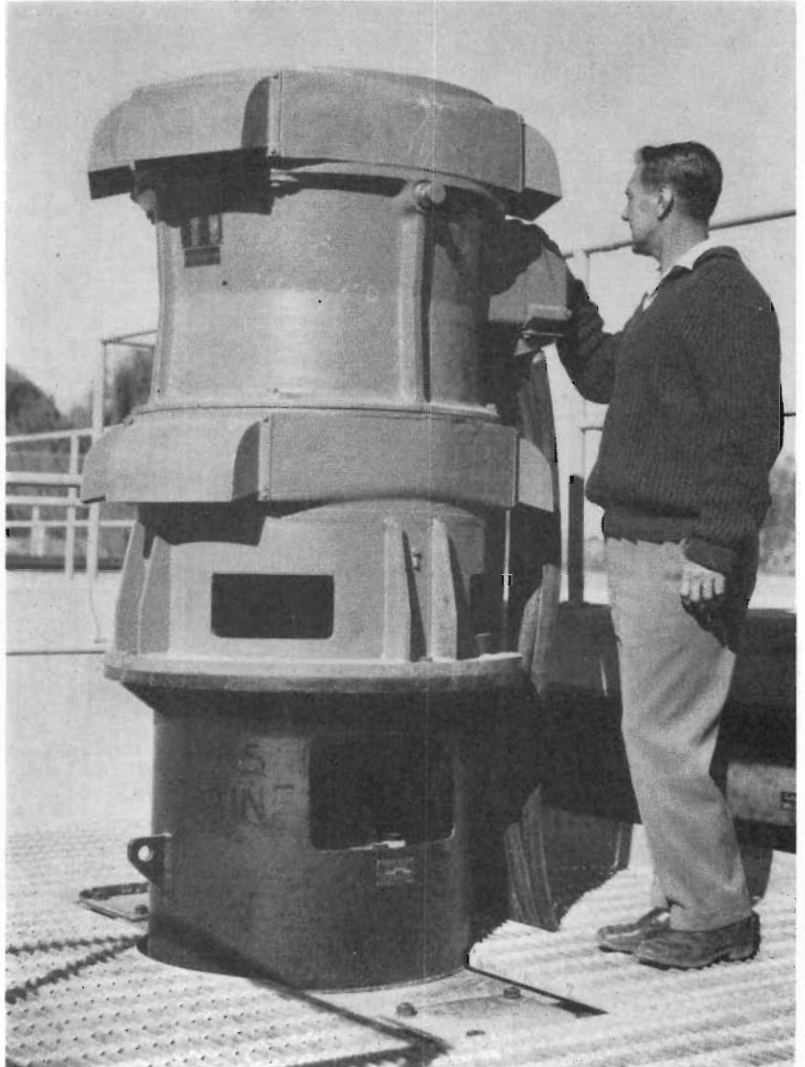
Major pumping stations at Swan Hill and Pental Island, for direct supply from the River Murray for irrigation purposes, are nearing completion. The total installed capacity at these stations is 260 cusecs with provision for increasing to 370 cusecs at a later stage.

Nyah Pumping Station

A start was made on the installation of electric-motor-driven pumps to replace steam-engine-driven plant for supply to the Nyah Irrigation District from the River Murray.

Urban Pumps

New Pumping plant has been installed or ordered for improved services at Anglesea, Merbein, Murrabit, Patchewollock, Stanhope, Tempy and Woorinen. New stations have been constructed for supply to the Noorat-Glenormiston system, high level areas at Bendigo, South Frankston and Safety Beach ; while others are under construction at East Frankston and South Frankston.



One of the electric pumps installed at the Swan Hill pumping station to supply water to part of the Swan Hill irrigation area. Coupled to a two-speed electric motor, the pump has a nominal output of 18,750 gallons per minute at the speed of 585 revolutions per minute.

Drainage Pumps

Additional drainage pumps have been installed in the Red Cliffs and Swan Hill Irrigation Districts, while new works under construction will increase the drainage pumping capacity from the Swan Hill-Tyntynder Flats area to more than 200 cusecs.

Other Works

Arrangements have been made with the State Electricity Commission for extension of electricity supply to the Robinvale main irrigation pumping station by October, 1965, for the first stage of conversion to electrical operation.

Replacement of diesel-engines with electrical equipment is in progress at the Cannie Ridge Domestic and Stock pumping station.

* * * *

PLANT AND TRANSPORT

Plant

Two hundred and ninety-six items of plant were purchased, costing £378,140—the main units being twelve Crawler Tractors (£165,357) and eleven Excavators (£96,868).

Most of the expenditure was on replacement of machinery which had reached the end of its economic life.

Spare parts cost £102,300, an increase of £4,150 over the 1963-64 figure, while disposal of surplus plant and spare parts brought in £24,328.

Transport

Motor vehicles in operation totalled 709, comprising 102 cars, 303 utilities, 88 four-wheel drive vehicles, 29 motor-cycles and 187 heavy trucks.



This 4-berth family unit caravan is one of several now used at large Commission projects for construction personnel. They obviate the acquisition and disposal of houses in the locality.

New purchases totalled 252, of which 205 were replacements and 47 additions. The total value of vehicles purchased was £293,160 and the disposal of vehicles brought in £132,228.

The vehicles covered a total of 8,390,609 miles, including 35,103 by low-loaders in the transporting of heavy earth-moving plant.

* * * *

STORES PURCHASING AND DISPOSAL

The Stores Branch is responsible for the procurement, custody, issue and disposal of all stores for the Commission.

During 1964-65 almost 20,000 Head Office orders were issued for the procurement of stores and services, the total value of which was approximately £3,000,000. In the same period about 30,000 local orders were issued in country offices for minor local requirements. Tenders were advertised for stores and services with a total value in the vicinity of £1,600,000.

The custody and issue of stores in all areas is subject to Head Office inspection. Steps are being taken to strengthen the inspectorial section of the Branch.

Local stocks have been kept at the minimum level consistent with efficient working. On 257 separate occasions, stores surplus to requirements at certain locations have been transferred to other locations at which they have been required, the total value of stores so transferred being £3,316.

In addition, 38 separate sales of surplus stores realized £3,155, and sale of scrap materials totalled £1,402.

Arrangements were made for demonstrations by suppliers of new types of equipment, and the co-ordination of the fabrication and dispatch of meter wheels.

All buildings at the South Melbourne Storeyard were painted during the year, and the appearance of this area was further improved by the planting of native shrubs around its perimeter.

Altogether 32 persons are employed in the Stores Branch. As many of them are juniors in their first jobs, special attention has been given to their training in stores procedure.

* * * *

LIBRARY

At 30th June, 1965, books and pamphlets numbered 12,085 of which 525 were new accessions. The whole of the library collection is available to city and country officers of the Commission and to outside persons and organizations interested in water supply and associated matters. Serials received totalled 439, of which 309 were journals. These were circulated to officers at Head Office and country centres ; lists of recently catalogued material were similarly distributed every two to three months.

The library continued to co-operate with other libraries in an inter-library loan scheme so that material relating to the work of the Commission but not held in the library could be made available.

Two of the three members of staff are librarians seconded from the State Library of Victoria.

* * * *

PUBLIC RELATIONS

The information services of the Commission have continued during 1964-65 with some expansion. The distribution of press statements on policy matters, availability of water supplies, new and projected developments in research, construction and other fields are now sent to 21 newspapers, T.V. and broadcasting stations in the metropolitan area, and to 90 newspapers, radio and television stations in the rural areas.

The Commission's monthly official journal *Aqua* is now distributed to 3,000 addressees in Victoria, other States and overseas.

Personal contact has been maintained during the year with persons and organizations interested in the problems of water supply. Displays were organized at six country centres and also at the International Scout Jamboree at Dandenong. Film screenings were made at thirteen centres, mostly around the metropolitan area. Films were shown and lectures were given at secondary schools in nine centres including three occasions at Wodonga, at Benalla and at Swan Hill.

University students were assisted with material and in personal discussions for theses dealing with the Rochester Irrigation Area, Cohuna Irrigation Area, Maribyrnong Catchment (2), Yarra Valley, Dandenong Creek, and the Kiewa Valley. It is expected that the results of these theses will be available to the Commission as they are completed.

Project material has been widely distributed, though not to the desired extent because of restricted printing funds.

Co-operation has been maintained with outside publications which highlight the need for co-operation in the use of water and in the need for overall measures in the conservation of the State's material resources.

Co-operation with the Government Printer has been brought to a high level. The Chairman gave the opening address to the Melbourne Conference of the Australasian Association of Government Printers. His subject was "Relations between the Department and the Printer". The Annual Report for 1963-64 was produced in the month of October as required by the Water Act for the first time in 31 years.



Sealing off the Lake Buffalo dam, first stage, with a 10-ton concrete plug.

* * * *

RECREATIONAL FACILITIES AND BOATING

The Commission continued its programme of providing amenities at all major storages for ever-increasing numbers of visitors.

Toilet blocks were provided at Eildon Boat Harbour, Lake Eppalock, Newlyn, Lauriston and Devilbend. Shelter sheds and fireplaces were built at Cairn Curran and Melton. Playground equipment was provided at Laanecoorie.

The parking area at the Boat Harbour, Lake Eildon was sealed and the beautification programme below the dam is progressing.

The Commission has assisted many Municipal Councils as much as possible where they have initiated developmental schemes for improvement of tourist facilities at Reservoirs within their Shires.

Boating

There has been a continued increase in recreational boating, fishing and similar activities on Commission storages in all parts of the State.

The zoning of Lake Eildon, mentioned in last year's report, was the cause of some dissent amongst interested authorities and organizations. As a result, a conference was held in April, at which the matter was amicably decided for at least the next two years. This will involve some movement of zoning beacons which will be arranged later in 1965, as will the covering regulations and proclamations under the Motor Boating Act.

Conferences with local authorities and organizations were held at Nagambie, in January, and at Rocklands, in April, to discuss ways and means of adequately zoning the storages involved, under the Motor Boating Act. The local shires will probably be the respective Authorities under that Act, but the matter is not yet finalized.

The Commission has worked in close co-operation with the Tourist Development Authority in the development of tourist facilities at its reservoirs and in many cases the Authority has contributed towards the cost of recreational and boating works.

* * * *

OVERSEAS VISITS

The Chairman, Mr. A. L. Tisdall, visited the United Kingdom in May, 1965, for four weeks as the guest of the British Government. His visit included inspections of water conservation works and discussions on irrigation and drainage and the administration of farm water supplies and the Water Resources Board.

Mr. W. E. Bromfield, Divisional Engineer, visited Greece in April, 1965, as the Australian Delegate to the Executive Council Meeting of the International Commission on Irrigation and Drainage which was held in Athens. Mr. Bromfield later visited Italy and Israel and inspected water supply works in both those countries.

* * * *

ASSOCIATED ORGANIZATIONS

Following the retirement of Mr. L. R. East during the year as Chairman of this Commission and as a Victorian representative on a number of Interstate and Commonwealth bodies, the Government made new appointments to the various bodies as follows :—

RIVER MURRAY COMMISSION

Commissioner representing Victoria—Mr. R. A. Horsfall.

Deputy Commissioner representing Victoria—Mr. K. D. Green.

SNOWY MOUNTAINS COUNCIL

Member—Mr. R. A. Horsfall.

Deputy Member—Mr. K. D. Green.

AUSTRALIAN WATER RESOURCES COUNCIL STANDING COMMITTEE

Member—Mr. A. L. Tisdall.

Mr. Tisdall on his appointment as Chairman of this Commission became *ex officio* a member of the *Land Utilization Advisory Council* under the Soil Conservation and Land Utilization Act. He has also continued as Chairman of the *Wildlife Reserves Investigation Committee* set up by the Premier in 1959, and as the Commission's representative on the Australian National Committee of the *International Commission on Irrigation and Drainage*.

STAFF

There was an overall increase of one in staff numbers during the year. The total staff is now 1,504. There was again a considerable turnover, as indicated by the following figures.

CHANGES IN STAFF NUMBERS

	1963-64.			1964-65.		
	Professional.	Others.	Total.	Professional.	Others.	Total.
New appointments	55	123	178	70	120	190
Losses by—						
Retirement	4	20	24	6	28	34
Resignation	37	63	100	58	69	127
Transfer	5	19	24	5	10	15
Other	1	9	10	3	10	13
Total losses	47	111	158	72	117	189
Net loss .. ..	..	..	..	2	..	..
Net gain	8	12	20	..	3	1
Total Staff at 30th June ..	301	1,202	1,503	309	1,195	1,504

STAFF TRAINING

During the year various activities were conducted within the Commission, and a number of external organizations were supported by nomination of Commission officers under the programme of staff training and development. The more important of these were :—

Australian Administrative Staff College.—The Commission was represented on two sessions conducted by the College during the year. The Staff and Industrial Officer, Mr. W. E. Sampson, attended the 20th Session, and Commissioner K. D. Green attended Session 21.

Public Service Board Management Conference.—The Divisional Engineer, Rivers and Streams Division, Mr. P. E. Olsen, and the Chief Stores Officer, Mr. R. A. Stinton, attended the 1964 Conference, at Kalorama.

Engineering Hydrology Course (University of N.S.W.).—Mr. B. A. Susts, Research Officer, attended this twelve-week course.

University Extension Committee.—Commission officers attended lectures of particular application to their work. Four attended a series on Photogrammetry ; five attended a series on Corrosion ; and one officer was selected for a course on “Statistics for Engineers”. One Officer attended a series of lectures at the Royal Melbourne Institute of Technology on Resistance Strain Gauging ; and another a course on Corrosion conducted by the School of Metallurgy at that Institute.

Australian Institute of Management.—The Commission supported its membership of the Institute by nominating officers to attend courses or subjects of particular interest and application. The Decimal Currency Conference attended by the Assistant Chief Accountant was one such activity.

State Electricity Commission.—Through the co-operation of the State Electricity Commission the Training Officer undertook a Methods of Instruction Course conducted by that Commission, and a proposal has been approved to include such a course in the training programme of this Commission.

Public Service Board Courses.—The Commission actively supported the central training programme conducted by the Public Service Board, and nominations of appropriate officers were made for the courses conducted during the year.

Internal Training.—A residential conference of District Engineers held at Kalorama in July, 1964 was attended by all District Engineers and Assistant District Engineers from the Rural Water Supply Branch.

Other conferences held included a Conference of District Inspectors and Mechanical Supervisors of the Wimmera—Mallee Divisions, at Birchip ; and a conference of Counsellors for the Junior Engineers’ Training Scheme, at Head Office.

Junior Engineers' Training Scheme.—This scheme was introduced within the Commission in 1964. It is essentially a job-rotation programme providing practical engineering training in all aspects of the Commission's operations. There are twenty-two qualified engineers-in-training participating in the scheme which is controlled by a committee comprised of a Commissioner, three Chief Engineers and the Staff Officer. Experienced engineers have been appointed as "Counsellors", who together with the Training Officer, co-ordinate the training programme for the engineers-in-training.

Since the commencement of the Junior Engineers' Training scheme the number of officers to complete the various phases are as shown in the following table :

Type of Experience.	No. of Officers.	Type of Experience.	No. of Officers
Divisional Organization	7	Survey Division	2
Investigations	7	Constructional—Design	3
Earthworks Design—Irrigation	5	Town Water Supply—Design	9
Earthworks Design—Drainage	3	Engineering Laboratories	2
Construction Projects	2	Accounts	1
Irrigation Districts	10		

Efficient Reading.—Another course introduced during the year was concerned with developing improved reading techniques. This course has proved to be very successful, and fifteen officers have completed it.

Surveying Cadetships.—Legislation was passed at the end of 1964 to enable the Commission to offer Cadetships in Surveying at the University of Melbourne. Six cadets were selected this year, and are undertaking the Bachelor of Surveying degree.

Induction Training.—Talks were given by senior officers to newly-appointed staff members at the beginning of 1965. It is planned to follow this, later in the year, with a more comprehensive course at which the functions of the main branches and Divisions will be explained in more detail.

Survey Assistants' School.—A six-week course for trainee Survey Assistants was conducted at Belgrave. Nine trainees were successful in gaining their Certificates at the final examination.

Draughting School.—The first of two schools to give instruction in basic draughtsmanship was held at Head Office. A second school will be held later in the year, principally for country officers.

Study Leave.—Part-time study leave was granted to 43 officers undertaking approved courses at Universities and Technical Colleges during the 1965 academic year. Four officers are attending the University of Melbourne under the Public Service Free Place Scheme.

Colombo Plan.—The Commission continues to co-operate with the Department of External Affairs in providing facilities for training under the Colombo Plan. During the year, eight Fellows were accepted under this scheme, and with two UNESCO Fellows, have spent varying periods gaining experience in fields of study related to water conservation and distribution.

Temporary employment has been arranged for qualified private overseas students to provide them with practical experience before returning to their own countries. During the year 20 students were employed by the Commission under this scheme.

Long Vacation Training.—During the 1964–65 vacation, 53 University and Technical College students were employed by the Commission under the Vacation Training Programme, providing them with valuable experience and creating a possible means of future recruitment of qualified staff.

Institutes and Associations' Conferences Scheme.—A number of officers participated in several conferences arranged by Professional Institutes and Associations. These included the Institution of Engineers Conference in Perth ; the Bi-ennial Conference of Administrative Officers of Water Supply and Sewerage Authorities ; the Convention of the Australian Water and Wastewater Association ; the Groundwater school sponsored by the Australian Water Resources Council ; and a Conference of the Commonwealth Institute of Valuers.

RETIREMENTS

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

Administrative Division

Mr. E. Baxter, Administrative Officer.

Professional Division

Mr. G. R. Upstill, Executive Engineer.
 Mr. A. Grantley, District Officer.
 Mr. J. J. Duffy, Draughtsman.
 Mr. B. P. Taylor, Senior Draughtsman.
 Mr. L. A. Davey, Assistant District Officer.
 Mr. A. J. Grant, Executive Assistant.

Technical and General Division

Mr. W. C. Roache, Senior Works Inspector.
 Mr. F. J. Walters, Water Bailiff.
 Mr. A. J. O'Flynn, District Inspector.
 Mr. H. C. A. Titford, Assistant (Male).
 Mr. J. Linehan, Water Bailiff.
 Mr. J. G. Cameron, Inspector (Wimmera-Mallee).
 Mr. J. J. Dalrymple, Water Bailiff.
 Mr. T. Coughlin, Works Inspector.
 Mr. H. M. Florence, Supervisor Waranga Western Main Channel.
 Mr. T. M. Joyce, Water Bailiff.
 Mr. J. H. Bent, Water Bailiff.
 Mr. W. W. MacDonald, Senior Inspector (Materials and Testing).
 Mr. W. A. Gunn, Works Inspector.
 Mr. W. P. Ashley, Assistant (Male).
 Mr. P. Nolen, Inspector.
 Mr. A. J. O'Shannessy, Water Bailiff.
 Mr. W. F. Russell, Water Bailiff.
 Mr. W. E. N. Maltby, Reservoir Keeper.
 Mr. H. Dunn, Assistant (Male).
 Mr. A. C. Pearson, Reservoir Keeper.
 Mr. W. H. L. Dryden, Water Bailiff.
 Mr. R. S. B. P. Smith, Inspector.
 Mr. D. M. Munro, Senior Ranger.
 Mr. J. E. J. Ladd, Water Bailiff.

Temporary Employees

Mr. A. C. Rebagliati, Reservoir Keeper.
 Mr. H. Pearce, Ranger.
 Mr. R. Mann, Supervisor Construction.

DEATHS

The Commission records with regret the deaths during the year of—

Professional Division

Mr. H. C. Sanger, Hydrographer.

Administrative Division

Mr. A. S. Hinks, Administrative Officer.

Technical and General Division

Mr. J. D. Foley, District Inspector.

Mr. W. H. Parsons, Water Bailiff.

Mr. M. Evans, Senior Turncock.

Mr. T. L. Gellie, Senior Ranger.

Mr. J. Clarke, Head Water Bailiff.

Mr. J. T. Snow, Water Bailiff.

Temporary Employee

Mr. J. A. C. Stewart, Research Officer.

* * * *

FINANCE

(W. J. DYNON, 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, was £3,947,455. This represents an increase of £409,252 as compared with the previous year.

Rates and other charges increased by £290,104 and sales of water by £119,148. Collections during the year totalled £3,832,462 an increase of £328,077 over the previous year.

The total arrears of assessments increased from £548,472 as at 1st July, 1964, to £639,478 as at 30th June, 1965. The arrears of rates and charges at 30th June, 1965 (£232,713) represents 8.4 per cent. of the current assessment for these items (£2,768,405.)

In regard to the arrears of rates and charges as at 30th June, 1940, which were consolidated and payable by instalments over a period of twenty years under the provisions of the Water Act No. 4740, no amounts remained unpaid at 30th June, 1965. These accounts are now closed.

An amount of £16,926 was written off the books of the Commission for the financial year 1964-65 as compared with £25,501 for the previous year.

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

Year.	Water Rates and Charges, Diversion and Grazing Fees.	Recoup on Account of Payments from Revenue.	Interest on (a) Lands Sold, (b) Plant and Machinery Account.	Total.
	£	£	£	£
1962-63	3,451,142	1,003,008	(a) 11,270 (b) 47,417	4,512,837
1963-64	3,504,385	1,085,028	(a) 3,681 (b) 47,522	4,640,616
1964-65	3,832,462	1,173,770	(a) 3,867 (b) 49,731	5,059,830

EXPENDITURE

The expenditure for the year on maintenance, water distribution and management, and the comparative figures for 1963-64 are set out hereunder :—

	1963-64	1964-65
	£	£
From Annual Vote Appropriation	4,233,654	*4,564,354
From Annual Vote Appropriation (Exceptional)	24,856	†30,367
	4,258,510	‡4,594,721

* Includes £557,871 for recoup works and £498,384 for administration in respect of expenditure from other funds charged to vote and recouped to Consolidated Revenue, £99,000 for contributions to River Murray Commission, and £261,704 for miscellaneous National Services.

† Assistance to local Water Authorities.

‡ Excludes £6,342 vote appropriation in respect of Eildon Sewerage District and £370,015 assistance and subsidies to other Sewerage Authorities.

Total expenditure on administration and on works carried out or supervised by the Commission for the year 1964-65 was as set out hereunder :—

	£	£
Vote Funds	4,594,721	
Special Appropriations	15,047	
	<hr/>	4,609,768
Ordinary Loan Funds—		
Commission Works	6,562,845	
Contribution to River Murray Commission Works ..	195,000	
Waterworks Trusts and Local Governing Bodies ..	1,400,069	
River Improvement Trusts	220,000	
Latrobe Valley Works of Water Supply	332,307	
	<hr/>	8,710,221
Special Loans Funds—Salt Affected Lands		1,866
Water Supply Works Depreciation Fund		1,955
Irrigation Districts Maintenance Equalization and Renewals Accounts		319,283
		<hr/>
Total expenditure on construction, operation, maintenance, and administration of Commission's Works and Water Supply Works supervised by Commission		13,643,093*

* Excludes expenditure from Plant and Machinery Depreciation Fund £697,688, expenditure for work carried out on behalf of Rural Finance Commission £610, loans to Country Sewerage Authorities £604,831. State Rivers Agency Trust Account £131,853, 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. 7056	3,015,451
Water Supply Loans Application Act No. 7218	5,649,873
Reclamation of Salt Affected Lands Act No. 6604	1,866
Treasurer's Advance	44,897
	<hr/>
	8,712,087

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 50,973

Total increase in Loan Liability for the year 8,763,060

Deduct : Commission repayments to—	£
State Loans Repayment Fund	120,190
Redemption Account	28,147
Repayments by Waterworks Trusts and Local Governing Bodies	100,430
Repayments by River Improvement Trust	665
Repayments by Latrobe Valley Works of Water Supply ..	56,628
	<hr/>
The net increase in Loan Liability for the year was ..	8,457,000

The contribution by the Government of Victoria to the River Murray Commission for the maintenance of works under the River Murray Agreement was £99,000 (included in the expenditure from Annual Vote Appropriations as shown above). The actual expenditure by this Commission on the maintenance of these works was £51,052, and on the construction of new works £11,923.

CAPITAL LIABILITY

The Capital Loan Liability of the State for Works of country water supply at 30th June, 1965, was £153,875,034 of which amount £121,394,233 is charged to the "Capital Expenditure borne by the State Account". Of the remainder £13,851,393 is charged to Waterworks Trusts and Local Governing Bodies, £244,498 to River Improvement Trusts, £5,488,946 is charged to Latrobe Valley Water Supply under the general supervision of the Commission, £1,700,451 is debited to the Plant and Machinery Account, and the balance £11,195,512 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 £15,954,388 in the National Debt Sinking Fund.

In accordance with the provisions of Section 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 1964-65 was £4 13s. 1d.

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	6,643,957	3	4
Exchange on Overseas Interest	230,900	13	5
Loan Conversion Expenses	4,350	19	10
	6,879,208	16	7

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 1964-65 in relation to the Capital Liability :—

Capital Debited to—	Capital Liability as at 30th June, 1965.	Interest Liability (excluding Exchange and Loan Conversion Expenses).	Interest Paid by Water Users (including Arrears).
	£	£	£
Districts under the direct control of the Commission	11,195,512	324,462	285,034
Waterworks Trusts, Local Governing Bodies, River Improvement Trusts and Latrobe Valley	19,584,838	575,605	570,281
Plant and Machinery Account	1,700,451	49,730	49,730
Capital Expenditure borne by the State Development Account	121,394,233	5,694,160	..
	153,875,034	6,643,957	905,045

RATES, CHARGES AND VALUATIONS

The rates and charges levied in districts served by the Commission are shown on pages 62--67. The statements set forth the districts supplied with water for domestic use and for watering stock and for irrigation purposes, together with the unimproved capital value and/or the annual value of lands and tenements and the number of assessments. The general rates, irrigation charges, flood protection rates and charges and drainage rates made in all districts are also shown.

Camperdown, Cobden and Terang Urban Districts were amalgamated to form Otway Urban District as from 1st July, 1964.

Except in the following districts, the rates and charges made were unaltered from the previous year.

INCREASES	DECREASES
<i>Irrigation Districts—</i>	<i>Urban Districts—</i>
Macalister	Drysdale
Nyah	Indented Head—St. Leonards
Red Cliffs	Leopold
Tresco	Portarlinton
	Pyramid Hill
	Stanhope
<i>Waterworks Districts—</i>	<i>Irrigation District—</i>
Mallee	Robinvale
Northern Mallee	
Upper Wimmera	
Wimmera	
Millewa	<i>Waterworks Districts—</i>
Tyntynder North	Kerang North West Lakes
Normanville	West Loddon
<i>Coliban System—</i>	<i>Drainage District—</i>
Coliban (Channel sales only)	Carrum

IRRIGATION DISTRICTS MAINTENANCE EQUALIZATION AND RENEWALS ACCOUNT

In 1959, Section 68 of the *Water Act* 1958, No. 6413, was amended by Section 2 of the *Water (Irrigation) Act* 1959, No. 6582, to provide for the establishment of the Irrigation Districts Maintenance Equalization and Renewals Account. Irrigation districts were removed from the operation of the Water Supply Works Depreciation Fund and the Water Supply Works Depreciation Account. Future renewals and accrued maintenance were to be financed, with the approval of the Minister, from funds available to each individual district in the Irrigation Districts Maintenance Equalization and Renewals Account.

The amending Act provided that, subject to the certificate of the Auditor-General, the Treasurer would pay to the new Account the cash surpluses of each irrigation district at 30th June, each year. In addition contributions by land holders and statutory bodies for the purpose of maintaining and renewing certain works of water supply in perpetuity were to be paid direct to the Account.

The amount at credit of the Account at 1st July, 1964, was £283,890. During the year, an amount of £235,842, representing the cash surpluses of the irrigation districts at 30th June, 1964, was paid into the Account by the Treasurer. A further amount of £2,262, being amounts contributed by landholders and statutory bodies as capitalized maintenance and renewals of water supply works constructed for their respective benefits, was paid direct to the Account.

Expenditure charged to the Account during the year was £319,283 leaving a balance of £202,711 in the Account at the 30th June, 1965. Of this amount £107,178 has already been committed for works to be undertaken during 1965-66.

Details of the Account are set out on page 99 of this Report.

Subject to the certificate of the Auditor-General as to the cash surpluses as at 30th June, 1965, an amount of £130,136 will be paid into the account during 1965-66.

This is in respect of the following districts :—

	£
Bacchus Marsh	5,571
Campaspe	452
Goulburn—Murray	57,442
Macalister	15,360
Merbein	11,442
Red Cliffs	22,892
Robinvale	14,567
Werribee	2,410
	<hr/>
	130,136

Payments of cash surplus to the credit of the Irrigation Districts Maintenance Equalization and Renewals Account for 1963-64 and 1964-65 were made by the Treasurer out of Loan Funds. Payment to the Account of cash surpluses of former years were made from Consolidated Revenue.

These funds will be used for deferred maintenance and renewals in irrigation districts in which the total capital expenditure on construction of headworks and distributary works has been £76 million.

DEPRECIATION

During the year an amount of £206,060 was charged for depreciation against district revenues. This includes £998 in respect of Eildon Sewerage District.

Even though the full amounts required for depreciation were not collected in this year or any past year the Water Act requires the amounts charged for depreciation to be shown to the credits of the Water Supply Works Depreciation Account in the Commission's books and credited with interest. The amount so shown as credited in the Commission's books at the 1st July, 1964, was £1,355,866 and after crediting the Account with interest amounting to £33,840 and the annual charges of £206,060 and landholders' contributions of £370, and deducting expenditure for the year of £1,955 the balance shown as credited to the Account at 30th June, 1965, was £1,594,181. In this respect the Commission has complied with the accounting provisions of the Water Act.

The Water Act, No. 6413, Section 83, provides that sums collected 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 Commission has complied with the accounting provisions of the Water Acts. However, no transfers have been made to the Water Supply Works Depreciation Fund since 1953-54. The credit in the Water Supply Works Depreciation Fund at 30th June, 1964 of £1,585 was all spent prior to the 30th June, 1965. This necessitated the use of Loan Funds (after consultation with the Director of Finance) for the replacement of seriously deteriorated assets in the latter part of 1964-65 even though districts have a credit of more than 1½ million pounds in the Depreciation Account.

It is pointed out that the reference to the Depreciation Fund is to urban and waterworks districts and flood protection and drainage districts. It does not apply to irrigation districts where provisions for renewals are made from a separate Irrigation Districts Maintenance Equalization and Renewals Account into which cash surpluses of irrigation districts must be paid each year as already indicated.

Details of the Water Supply Works Depreciation Account are set out on page 99 of this Report.

PLANT AND MACHINERY ACCOUNTS AND STORES SUSPENSE ACCOUNT

The capital liability for large-size moveable plant and machinery, held in the Plant and Machinery Account at 30th June, 1965, was £1,700,451. Calculated on the "purchase-cost" method, the value of such plant at 30th June, 1965, was £3,200,000.

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 £407,367.

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 £909,775.

The amount at debit of the Water Supply Stores Suspense Account as at 30th June, 1965, was £483,316 whereas the book value of stores and equipment controlled within the account was £890,683. The difference, £407,367, 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.

FINANCIAL STATEMENTS

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

Operation of the urban and waterworks districts resulted in a net loss of £63,996, most of which is attributable to those districts 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.

Details of the results of operations within the various systems for 1964-65 were :—

<i>Losses—</i>						£	£
Coliban System	..	..	..	..	..	15,511	
Otway System	..	..	..	..	..	9,970	
Supplied from River Murray	..	..	..	..	..	40,783	
Wimmera Mallee System	..	..	..	..	..	37,963	
Miscellaneous	..	..	..	..	..	1,307	
Total Losses	..	..	..	..	..	..	105,534
<i>Gains—</i>							
Bellarine Peninsula System	..	..	..	..	..	6,912	
Mornington Peninsula System		..	..	..	..	33,896	
Goulburn, Campaspe and Loddon Systems			..	..	..	730	
Total Gains	..	..	..	..	..	..	41,538
Net Loss	..	..	..	..	..	..	63,996

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 hereafter which refer only to operation of Country Water Supply. Financial statements relating to the Eildon Sewerage District are set out on page 98 of this Report.

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 1964-65 were :—

<i>District—</i>						£	s.	d.
Nyah	..	..	..	..	..	8,070	15	1
Tresco	..	..	..	..	..	9,384	0	0
						17,454	15	1

Section 47 provides that in respect of districts, other than irrigation districts, 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 loss in each such district shall be transferred to the "Revenue Expenditure Chargeable to the State Account".

Throughout 1964-65 the Commission, by direction of the Governor in Council, has continued the operation of 29 such districts and the total cash "loss" so transferred was £125,646.

In twelve of these districts an aggregate cash surplus of revenue over expenditure of £44,058 was obtained. This amount was applied to Depreciation (£42,182), Redemption (£27), and Interest (£1,422), leaving a sum of £431 available to the credit of the respective districts. The net deficiency of the Order in Council districts was, therefore, £125,215.

The Districts to which services were continued by direction of the Governor in Council were :—

	URBAN DISTRICTS		WATERWORKS DISTRICTS
*Allansford	Jung Jung	Newstead	*Axe Creek
Brim	*Lascelles	*Nullawil	Harcourt
*Chillingollah	*Macorna	Patchewollock	Mallee
Chinkapook	*Marnoo	Speed	Millewa
*Coliban	*Marong	Tempy	Northern-Mallee
*Corop	Mitiamo	Waitchie	*Otway
Dingee	Murrabit	*Walpeup	Tyntynder-North
		Yaapect	

* Districts in which revenue exceeded operating costs.

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.

	£
The total cost of services not directly chargeable to districts, including services of a "National Character" was	1,961,944
This amount may be offset by miscellaneous revenue collected in respect of rents, recoup payments, &c.	1,718,156
Net cost to State of Services of a "National Character"	243,788

No direct contribution is made to the Commission's revenue by way of rates and charges paid by water users to offset the national services which the Commission is directed to administer.

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 £6,224,010. This figure is often incorrectly quoted as a "loss" in respect of country water supply. On the existing basis of rates and charges there was in fact a cash "gain" of £18,665, being the net surplus of £159,816 on districts which were required to meet all operating costs, less the net deficiency of £125,215 on districts, the operations of which were continued by direction of the Governor in Council and the net deficiency of £15,936 on subsidized irrigation 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 71 of this Report.

	£	£
Net Surplus on other Commission districts	159,816	
Less Net Deficiency on "Order in Council" districts	125,215	
Less Net Deficiency on subsidized districts	15,936	141,151
		Cr. 18,665
Cost of National Services	1,961,944	
Less Miscellaneous Revenue collected	1,718,156	
		243,788
Interest, Exchange and Loan Conversion Expenses on Headworks and Capital borne by the State	5,929,411	
Plus Increase in Arrears of Interest owing by Waterworks Trusts	5,323	
	5,934,734	
Less Interest on Land sold	3,867	
		5,930,867
Less Amount paid to Revenue in respect of Depreciation (£205,062) and Redemption (£24,002)		229,064
Contribution to National Debt Sinking Fund	374,479	
Less Recoups paid to Revenue	77,395	
		297,084
Net Cost to the State		6,224,010

The net cost to the State for 1964-65 which was £416,579 greater than the comparable figure for the previous year and represents £1 19s. 3d. 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 total of £6,879,209, an increase of £435,268 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, with a corresponding tendency to increase the overall cost to the State of country water supply.

* * *

RATES, CHARGES, AND VALUATIONS—*continued.*

WATERWORKS DISTRICTS.

Districts Supplied with Water for Domestic and Ordinary Use and for Watering Cattle or Other Stock.	Unimproved Capital Value.	Rate in the £1 made during Year ended 30th June, 1965 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.
		Divisions.					
		1st.	2nd.	3rd.			
<i>Supplied from Wimmera-Mallee System.</i>		<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>£ s. d.</i>		
11. Mallee	5,288,976	0 3	0 1½	0 0¾	40 0 0 1st Div. ; 20 0 0 2nd Div. ; 10 0 0 3rd Div. ;	2,957	9,520
12. Northern Mallee	2,496,859	0 3	0 1½	0 0¾	40 0 0 1st Div. ; 20 0 0 2nd Div. ; 10 0 0 3rd Div. ;	3,972	5,400
13. Upper Wimmera	4,589,414	0 3	0 1½	0 0¾	40 0 0 1st Div. ; 20 0 0 2nd Div. ; 10 0 0 3rd Div. ;	2,161	5,788
14. Wimmera	10,521,461	0 1·8	0 0·9	0 0·45	40 0 0 1st Div. ; 20 0 0 2nd Div. ; 10 0 0 3rd Div.	5,167	16,345
Total	22,896,710	..	..	..	..	14,257	37,053
<i>Supplied direct from River Murray.</i>							
15. Millewa	221,331	0 3	0 1½	0 0¾	40 0 0 1st Div. ; 20 0 0 2nd Div. ; 10 0 0 3rd Div. ;	348	1,000
16. Tyntynder North	243,386	0 3	0 1½	0 0¾	40 0 0 1st Div. ; 20 0 0 2nd Div. ; 6 0 0 3rd Div. 10 0 0	200	400
Total	464,717	..	..	..	..	548	1,400
<i>Supplied from Coliban System.</i>							
17. Axe Creek	12,037*	1 6*	..	..	..	74	174
18. Harcourt	196,161	0 3	..	..	..	241	610
Total	208,198	..	..	..	..	315	784
<i>Miscellaneous.</i>							
19. Normanville	564,090	0 5	0 2½	0 1¼	40 0 0 1st Div. ; 20 0 0 2nd Div. ; 10 0 0 3rd Div.	247	381
20. East Loddon	1,122,628	0 1½	0 0¾	0 0⅛	..	560	483
21. Kerang North-West Lakes	65,991	0 2	..	..	..	117	235
22. Werribee	105,996	0 1	..	..	..	10	26
23. West Loddon	467,679	0 1½	0 0¾	0 0⅛	..	320	277
Total	2,326,384	..	..	..	..	1,254	1,402
Total (Waterworks)	25,906,009	..	..	..	..	16,374	40,639

* Valuation and Rate based on Net Annual Value.

RATES, CHARGES, AND VALUATIONS—continued.

URBAN DISTRICTS.

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, 1965.	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.
					Rate Allowance.	Excess.		
<i>Supplied from Bellarine Peninsula System.</i>								
	£	s. d.	s. d.	s. d.	s. d.	s. d.		
24. Anglesea	100,495	1 7	80 0	40 0	2 0	2 0	1,404	740
25. Barwon Heads—Ocean Grove ..	131,369	2 4	80 0	40 0	2 0	2 0	1,926	2,900
26. Birregurra	10,003	3 0	80 0	40 0	2 0	2 0	175	460
27. Drysdale	59,952	1 4	80 0	40 0	2 0	2 0	354	750
28. Indented Head—St. Leonards ..	115,374	1 4	135 0	40 0	2 0	2 0	1,213	400
29. Leopold	34,143	1 4	80 0	40 0	2 0	2 0	326	450
30. Portarlington	108,652	1 4	80 0	40 0	2 0	2 0	847	1,250
31. Queenscliff—Point Lonsdale ..	151,887	1 9	80 0	40 0	2 0	2 0	1,567	3,800
32. Torquay	79,576	1 3	80 0	40 0	2 0	2 0	1,380	1,200
Total	791,451	..	..	..	..	..	9,192	11,950
<i>Supplied from Mornington Peninsula System.</i>								
33. Baxter—Pearcedale	19,073	3 0	135 0	40 0	2 0	2 0	334	558
34. Berwick	128,420	1 8	80 0	40 0	2 0	2 0	772	2,340
35. Bunyip	24,853	2 0	80 0	40 0	2 0	2 0	247	920
36. Carrum Downs	7,950	3 6	80 0	40 0	2 0	2 0	149	421
37. Cranbourne	79,158	1 6	80 0	40 0	2 0	2 0	565	1,400
38. Dandenong—Springvale	281,053	1 0	80 0	40 0	2 0	2 0	2,090	4,550
39. Dromana—Portsea	2,079,367	1 10	80 0	40 0	2 0	2 0	14,014	13,960
40. Frankston—Mornington	2,951,859	1 6	80 0	40 0	2 0	2 0	20,090	51,643
41. Garfield	22,491	1 10	80 0	40 0	2 0	2 0	157	740
42. Hampton Park	40,777	1 8	80 0	40 0	2 0	2 0	300	856
43. Longwarry	18,300	2 0	80 0	40 0	2 0	2 0	172	652
44. Narre Warren	25,625	3 6	135 0	40 0	2 0	2 0	508	300
45. Nar-Nar-Goon—Tynong	11,465	3 6	80 0	40 0	2 0	2 0	113	640
46. Officer	9,757	3 6	80 0	40 0	2 0	2 0	123	350
47. Pakenham	112,414	1 3	80 0	40 0	2 0	2 0	542	1,820
48. Westernport	131,782	2 3	80 0	40 0	2 0	2 0	1,739	3,146
Total	5,944,344	..	..	..	..	..	41,915	84,296
<i>Supplied from Otway System.</i>								
49. Allansford	9,973	3 6	80 0	40 0	2 0	2 0	130	355
50. Otway	308,759	2 0	80 0	40 0	2 0	2 0	2,691	7,565
Total	318,732	..	..	..	..	..	2,821	7,920
<i>Supplied from Goulburn, Campaspe and Loddon System.</i>								
51. Corop	448	3 6	80 0	20 0	2 0	2 0	19	24
52. Dingee	1,281	3 6	80 0	20 0	2 0	2 0	36	58
53. Gunbower	6,984	3 0	80 0	20 0	2 0	2 0	114	350
54. Koondrook	9,491	3 0	80 0	20 0	2 0	2 0	229	725
55. Leitchville	11,626	2 3	80 0	20 0	2 0	2 0	141	465
56. Lockington	10,601	1 9	80 0	20 0	2 0	2 0	169	418
57. Macorna	854	3 6	135 0	20 0	2 0	2 0	41	63
58. Mitiamo	3,334	3 6	130 0	20 0	2 0	2 0	79	198
59. Murrabit	666	3 6	80 0	20 0	2 0	2 0	28	75
60. Pyramid Hill	31,503	0 9	80 0	20 0	2 0	2 0	268	660
61. Stanhope	29,195	1 0	80 0	20 0	2 0	2 0	195	690
62. Tallygaroopna	2,532	3 6	100 0	20 0	2 0	2 0	45	120
Total	108,515	..	..	..	..	..	1,364	3,846

RATES, CHARGES, AND VALUATIONS—continued.

URBAN DISTRICTS—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, 1965.	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.
					Rate Allowance.	Excess.		
<i>Supplied direct from River Murray.</i>	£	s. d.	s. d.	s. d.	s. d.	s. d.		
63. Carwarp	523	3 0	80 0	20 0	2 0	2 0	23	25
64. Lake Boga	7,062	3 6	80 0	20 0	2 0	2 0	211	450
65. Merbein	88,782	0 9	80 0	20 0	2 0	2 0	591	1,630
66. Meringur	1,444	3 6	100 0	20 0	2 0	2 0	60	55
67. Nyah	4,099	3 6	80 0	20 0	2 0	2 0	111	321
68. Nyah West	10,322	2 9	80 0	20 0	2 0	2 0	267	548
69. Piangil	3,108	3 6	135 0	20 0	2 0	2 0	128	271
70. Red Cliffs	10,270	1 0	80 0	20 0	2 0	2 0	906	2,400
71. Robinvale	43,879	1 0	80 0	20 0	2 0	2 0	499	1,200
72. Werrimull	4,118	2 6	100 0	20 0	2 0	2 0	102	110
Total	173,607	..	..	..	..	..	2,898	7,010
<i>Supplied from Wimmera-Mallee System.</i>								
73. Antwerp	582	3 6	80 0	20 0	2 0	2 0	17	54
74. Berriwillock	5,761	1 9	80 0	20 0	2 0	2 0	68	200
75. Beulah	13,382	2 6	80 0	20 0	2 0	2 0	201	430
76. Birchip	25,898	2 0	80 0	20 0	2 0	2 0	336	1,100
77. Brim	3,155	3 6	80 0	20 0	2 0	2 0	96	230
78. Chillingollah	456	3 6	80 0	20 0	2 0	2 0	51	35
79. Chinkapook	810	3 6	80 0	20 0	2 0	2 0	54	70
80. Culgoa	6,476	2 0	80 0	20 0	2 0	2 0	63	170
81. Dimboola	51,733	1 0	80 0	20 0	2 0	2 0	807	1,653
82. Dooen	631	3 0	80 0	20 0	2 0	2 0	8	29
83. Hopetoun	41,264	2 0	135 0	20 0	2 0	2 0	416	1,000
84. Jeparit	20,006	1 8	80 0	20 0	2 0	2 0	308	751
85. Jung Jung	1,834	3 6	80 0	20 0	2 0	2 0	45	128
86. Lalbert	2,043	3 6	80 0	20 0	2 0	2 0	62	132
87. Lascelles	2,783	3 6	80 0	20 0	2 0	2 0	116	114
88. Manangatang	7,642	3 6	135 0	40 0	2 0	2 0	174	453
89. Marnoo	2,918	3 6	135 0	40 0	2 0	2 0	71	225
90. Minyip	26,481	2 0	80 0	20 0	2 0	2 0	332	800
91. Nandaly	2,344	3 6	80 0	20 0	2 0	2 0	41	110
92. Natimuk	6,617	3 0	80 0	20 0	2 0	2 0	190	589
93. Nullawil	1,896	3 6	80 0	20 0	2 0	2 0	32	110
94. Ouyen	47,729	2 7	80 0	20 0	2 0	2 0	599	1,650
95. Patchewollock	2,481	3 6	80 0	20 0	2 0	2 0	88	155
96. Pimpinio	1,130	3 6	135 0	40 0	2 0	2 0	38	121
97. Quambatook	7,648	3 3	80 0	20 0	2 0	2 0	152	500
98. Rainbow	23,981	1 0	80 0	20 0	2 0	2 0	378	1,000
99. Rupanyup	17,507	2 6	80 0	20 0	2 0	2 0	238	750
100. Sea Lake	33,613	1 9	80 0	20 0	2 0	2 0	307	930
101. Speed	1,870	3 6	80 0	20 0	2 0	2 0	35	81
102. Tempy	1,132	3 6	80 0	20 0	2 0	2 0	38	77
103. Ultima	3,941	3 6	135 0	40 0	2 0	2 0	202	276
104. Waitchie	145	3 6	80 0	20 0	2 0	2 0	10	11
105. Walpeup	2,616	3 6	135 0	40 0	2 0	2 0	88	120
106. Watchem	4,607	3 6	80 0	20 0	2 0	2 0	106	215
107. Woomelang	9,105	2 0	80 0	20 0	2 0	2 0	127	400
108. Woorinen	3,870	3 6	135 0	40 0	2 0	2 0	107	313
109. Wycheproof	37,594	1 9	80 0	20 0	2 0	2 0	270	980
110. Yaapect	1,469	3 6	80 0	20 0	2 0	2 0	34	56
Total	425,150	..	..	..	..	..	6,305	16,018
<i>Miscellaneous.</i>								
111. Eildon	43,710	2 6	80 0	40 0	2 0	2 0	395	965
112. Heyfield	44,242	3 0	80 0	20 0	2 0	2 0	655	1,918
113. Wonthaggi	122,538	2 0	50 0	20 0	2 0	2 0	1,956	5,350
Total	210,490	..	..	..	..	..	3,006	8,301

RATES, CHARGES, AND VALUATIONS—*continued.*

COLIBAN.

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, 1965.	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.
					Rate Allowance.	Excess.		
	£	s. d.	s. d.	s. d.	s. d.	s. d.		
114. Coliban	1,961,489	1 6	40 0	20 0	2 0	2 0	20,199	56,626
Includes Bendigo, Castlemaine, Eaglehawk, Maldon, Barker's Creek, Campbell's Creek, Chewton, Epsom, Ascot, Fryers-town, 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.								
115. Elphinstone	3,234	3 6	80 0	20 0	2 0	2 0	43	94
116. Marong	3,876	3 6	80 0	20 0	2 0	2 0	51	142
117. Newstead	16,540	3 6	80 0	20 0	2 0	2 0	182	439
Total	1,985,139	..	..	..	..	..	20,475	57,302
Total (Urban)	9,957,428	..	..	..	..	..	87,976	196,643

DRAINAGE DISTRICT.

District.	Unimproved Capital Value.	Rate in the £1 made during Year ended 30th June, 1965, on Unimproved Capital Value.				Number of Assessments.	Estimated Number of Persons Dwelling in District.
		Divisions.					
		1st.	2nd.	3rd.	4th.		
		£ s. d.	s. d.	s. d.	s. d.		
118. Carrum	4,802,598	0 2.4	0 1.8	0 1.2	0 0.6	8,250	10,120

FLOOD PROTECTION DISTRICTS.

District.	Annual Value or Area of Lands and Tenements.	Rate made during Year ended 30th June, 1965 on Net Annual Value or Area.				Number of Assessments.	Estimated Number of Persons Dwelling in District.
	Valuation N.A.V.	Divisions.					
		1st.	2nd.	3rd.	4th.		
		£	s. d.	s. d.	s. d.		
119. Koo-Wee-Rup	315,046	3 4	2 6	1 8	0 10	1,577	4,200
	Area. Acres						
120. Kanyapella	13,146	0 3	..	0 1½	..	57	12
121. Loch Garry	41,609	0 3	..	0 1½	..	122	196
Total (Flood Protection)	Area N.A.V. 315,046	..	..	..	..	1,756	4,408

SEWERAGE DISTRICT.

District.		Annual Value of Lands and Tenements.	Rate in the £1 made during Year ended 30th June, 1965.	Number of Assessments.	Estimated Number of Persons Dwelling in District.
		£	s. d.		
122. Eildon .. .. .	.. .. .	46,885	3 0	393	965

RATES, CHARGES, AND VALUATIONS—*continued.*

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 Wimmera Waterworks District the charge for water is 17s. per acre-foot with minimum annual payments for each and every holding. The minimum annual charge is 17s. an acre in respect of the total area authorized to be irrigated under permit, or £3 8s., 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 were in accordance with the Commission's By-law No. 5428 or by special agreement, 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	8
Area greater than 1 acre and not exceeding 20 acres	Area greater than 20 acres and not exceeding 40 acres	12
Area greater than 20 acres and not exceeding 40 acres	Area greater than 40 acres and not exceeding 60 acres	16
Area greater than 40 acres and not exceeding 60 acres	Area greater than 60 acres and not exceeding 80 acres	20
Area greater than 60 acres and not exceeding 80 acres	Area greater than 80 acres and not exceeding 100 acres	24
Area greater than 80 acres	Area greater than 100 acres	28

* * * *

REVENUE AND ARREARS.

STATEMENT OF ASSESSMENTS, REVENUE AND ARREARS
AS AT 1ST JULY, 1964, AND AS AT 30TH JUNE, 1965.

	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	£	Interest	£	Rate	£	Charge	£	Sales	Interest	
Arrears as at 1st July, 1964 ..	£ 548,472	10	5	114,169	£ 12,204	77,691	£ 5,725	18,205	£ 1,300	2,160	£ 141	308,526	£ 1,237	7,099
Assessments 1964-65 ..	2,768,405	..	..	1,444,305	..	1,078,984	..	203,215	..	41,901	..	..	..	..
Additional Water Sales and Interest Charges to 30th June, 1965 ..	1,179,050	..	..	..	7,545	..	5,265	..	1,081	..	170	836,360	£ 1,995	326,634
Total Amounts Collectable 1964-65	4,495,927	10	5	1,558,474	19,749	1,156,675	10,990	221,420	2,381	44,061	311	1,144,886	3,232	333,733
Deduct ..	3,832,462	10	..	1,400,475	5,552	1,086,417	5,966	199,880	1,210	41,243	131	764,099	1,807	325,672
(1) Revenue Collected ..	15,611	..	..	4,705	13	4,034	..	1,973	4	7	..	2,872	1	2,002
(2) Credits Absorbed ..	647,854	..	5	153,294	14,184	66,224	5,024	19,567	1,167	2,811	180	377,915	1,424	6,059
Balance ..	8,550	..	..	2,573	15	355	..	504	2	3	..	3,906	3	1,189
Add Amounts Overpaid ..	656,404	..	5	155,867	14,199	66,579	5,024	20,071	1,169	2,814	180	381,821	1,427	7,248
Total Gross Arrears at 30th June, 1965 ..	16,926	..	5	4,329	309	4,922	22	3,347	26	20	2	3,016	44	884
Deduct Amounts Written Off ..	639,478	..	..	151,538	13,890	61,657	5,002	16,724	1,143	2,794	178	378,805	1,383	6,364
Balance Net Arrears as at 30th June, 1965 ..														

This Statement excludes operation of Eildon Sewerage District.

RESULTS OF OPERATIONS IN DISTRICTS UNDER CONTROL OF COMMISSION **DISBURSEMENTS, 1964-65.**

—	Operating Expenses.	Interest on Capital Allotted.	Depreciation Paid by Districts.		Redemption Paid by Districts.	Total Disbursements.
			On Works.	On Buildings.		
	£ s. d.	£ . d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Plant Workshops ..	36,664 8 6	561 8 2	2,682 0 0	..	92 14 9	40,000 11 5
Coliban Works ..	217,204 15 1	13,408 8 9	31,527 0 0	784 0 0	0 1 10	262,924 5 8
Irrigation Districts ..	1,840,737 15 11	5,657 5 0	..	..	477 8 5	1,846,872 9 4
Waterworks Districts ..	625,982 17 0	26,334 13 9	32,835 0 0	3,030 0 0	..	688,182 10 9
Urban Districts ..	371,329 18 2	272,051 2 8	128,864 0 0	1,274 0 0	23,432 2 1	796,951 2 11
Flood Protection Districts	38,738 11 3	..	3,065 0 0	128 0 0	..	41,931 11 3
Carrum Drainage District	16,736 5 7	6,448 19 8	839 0 0	34 0 0	..	24,058 5 3
	3,147,394 11 6	324,461 18 0	199,812 0 0	5,250 0 0	24,002 7 1	3,700,920 16 7
Expenditure not charge- able to Districts—River Murray Commission, Recoupable and other items	1,817,341 13 11	..	..	..	..	1,817,341 13 11
	4,964,736 5 5	324,461 18 0	199,812 0 0	5,250 0 0	24,002 7 1	5,518,262 10 6

RECEIPTS, 1964-65

—	Water Rates and Charges Diversions and Grazing Fees, &c.	Recoups on Account of Payments from Revenue.	Total Receipts.	Less— Transfer to Depre- ciation 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 ..	1,269 0 0	46,754 14 5	48,023 14 5	..	48,023 14 5	Cr. 8023 3 0
Coliban Works ..	246,937 19 2	776 1 2	247,714 0 4	..	247,714 0 4	Dr. 15,210 5 4
Irrigation Districts ..	1,957,454 3 4	11,009 2 8	1,968,463 6 0	..	1,968,463 6 0	Cr. 121,590 16 8
Waterworks Districts ..	587,142 6 0	1,001 4 5	588,143 10 5	..	588,143 10 5	Dr. 100,039 0 4
Urban Districts ..	801,144 6 2	1,946 8 9	803,090 14 11	..	803,090 14 11	Cr. 6,139 12 0
Flood Protection Districts	41,875 14 9	..	41,875 14 9	..	41,875 14 9	Dr. 55 16 6
Carrum Drainage District	22,267 18 10	6 12 1	22,274 10 11	..	22,274 10 11	Dr. 1,783 14 4
	3,658,091 8 3	61,494 3 6	3,719,585 11 9	..	3,719,585 11 9	Cr. 18,664 15 2
Miscellaneous	174,371 0 4*	..	174,371 0 4	..	174,371 0 4	Cr. 174,371 0 4
Recoups of amounts paid from Revenue not credited to districts ..	..	1,173,769 11 3	1,173,769 11 3	..	1,173,769 11 3	Dr. 643,572 2 8
Total	3,832,462 8 7	1,235,263 14 9	5,067,726 3 4	..	5,067,726 3 4	Dr. 450,536 7 2

* In addition an amount of £16,068 8s. 6d. 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 operation of Eildon Sewerage District: Receipts £7,417 8s. 7d., Disbursements (including depreciation) £7,340 3s. 0d.

SUMMARY OF OPERATIONS FOR YEAR 1964-65

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	607,745	3	3	Administration	498,384	9	1				
Recoups of Expenditure ..	566,024	8	0	Expenditure Recoupable ..	557,870	16	1				
				Surplus	117,514	6	1	Cr.	117,514	6	1
	1,173,769	11	3		1,173,769	11	3	Cr.	117,514	6	1

River Murray, Sewerage, Grazing Rentals, &c., and Miscellaneous National Services.

Grants to Sewerage Authorities	370,015	2	0	Commissioners' Salaries	15,047	5	2				
Grazing Rentals &c.	174,371	0	4	River Murray, Sewerage, and Trusts	499,382	8	0				
Deficiency	361,302	2	9	Miscellaneous National Services ..	261,704	0	9				
				Pensions	129,554	11	2	Dr.	361,302	2	9
	905,688	5	1		905,688	5	1				

Net Cost to the State for Services of a National Character Dr. 243,787 16 8

COMMISSION DISTRICTS.

Rates and Charges	3,719,585	11	9	Vote Funds	3,147,394	11	6				
Less Depreciation Transfer				Interest charged on Capital borne by Districts	324,461	18	0				
				Surplus	247,729	2	3	Cr.	247,729	2	3
	3,719,585	11	9		3,719,585	11	9				

CAPITAL CHARGES.

Interest.

Interest paid by Trusts	570,281	12	5	Interest, Exchange and Loan Conversion Expenses	6,879,208	16	7				
Interest for Plant Hire, &c. ..	53,598	0	6								
Interest charged to Districts ..	324,461	18	0								
Deficiency	5,930,867	5	8					Dr.	5,930,867	5	8
	6,879,208	16	7		6,879,208	16	7				

National Debt Sinking Fund.

Recoup of Contributions—				Contributions to National Debt Sinking Fund	374,479	13	7				
Paid by Trusts	72,586	1	3								
Paid from Plant Hire	4,144	4	6								
River Improvement Trusts	665	3	7								
Deficiency	297,084	4	3					Dr.	297,084	4	3
	374,479	13	7		374,479	13	7				

Total Expenditure Borne by the State 6,224,010 4 4

NOTE.—This statement excludes operation of Eildon Sewerage District: Receipts £7,417 8s. 7d., Expenditure £7,340 3s. 0d., Surplus £77 5s. 7d.

EXPENDITURE BORNE BY THE STATE 1964-65

Services of a National Character—	£	s.	d.	£	s.	d.
Contributions by the State of Victoria to the River Murray Commission in accordance with the provisions of the River Murray Water Acts .. .. .	..	..	..	99,000	0	0
Subsidies to Sewerage Authorities in cases where the interest paid on capital liability is in excess of 3 per cent. .. .. .	..	..	..	370,015	2	0
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	22,332	9	0			
To limit maximum water rate to 3s. 6d. in the £. N.A.V.	7,449	0	0			
				30,367	6	0
Miscellaneous Services—						
Administration Waterworks Trusts and Sewerage Authorities	30,130	14	6			
Administration Farm Water Supplies	3,032	10	5			
Irrigation Branch	47,936	5	0			
Travelling—Chairman and Commissioners	2,342	19	9			
Minister's Staff	3,595	15	2			
Free Water for Research, Free Places Melbourne University, Library, Publicity, &c.	18,324	17	4			
Rivers and Streams Division, River Gaugings, Diversions, Land Leasing, Surveys and Reports, Underground Water and Mining Investigations, Hydraulic Research	100,291	5	11			
Portion of General Administration charged to Miscellaneous National Services	56,049	12	8			
				261,704	0	9
Administration in respect of Expenditure from other Funds and Works carried out for other Authorities .. .. .	..	..	..	498,384	9	1
Works carried out for other Authorities and Water Users, and salaries charged to construction (Recoupable) .. .. .	..	..	..	557,870	16	1
				1,817,341	13	11
Commissioners Salaries—Special Appropriation .. .. .	..	..	..	15,047	5	2
Amount debited by Treasury for Pensioners .. .. .	..	..	..	129,554	11	2
				1,961,943	10	3
Less Revenue received from Grazing Licences, Rents, &c.	174,371	0	4			
„ Oncost on Expenditure from other Funds	607,745	3	3			
„ Recoups	566,024	8	0			
„ Grant by State, Subsidy to Sewerage Authorities	370,015	2	0			
				1,718,155	13	7
NET COST to State for Services of a National Character .. .. .	..	..	..	243,787	16	8

Commission Districts—

Districts which were required to meet all annual operating costs— *Cr.* 459,850 5 11

Excess revenue over expenditure after allowing for Depreciation
£149,194 and Redemption £23,975 9s. 11d.

Current Interest—

	£	s.	d.
Paid	283,614	12	2
Unpaid	16,419	17	10
	300,034	10	0
	<i>Cr.</i> 159,815	15	11

Districts subsidized or supplied by direction of the Governor in Council—

Districts which show excess revenue over Operating Costs and which paid Depreciation
£42,182 6s. 8d., Redemption £26 17s. 2d. and Interest £1,419 8s. 9d.

Surplus	<i>Cr.</i> 2,048	11	11
	<i>Cr.</i> 161,864	7	10

Districts which show excess expenditure inclusive of Depreciation £13,685 13s. 4d.
and Interest £23,007 19s. 3d. over Revenue in such Districts

Deficiency	143,199	12	8
	<i>Cr.</i> 18,664	15	2

Add Amounts paid to Water Supply Works Depreciation Fund in Treasury on account of
moneys paid to Revenue and Interest credited to Depreciation Account

Cr. 18,664 15 2

Add Amounts paid to Revenue in respect of Depreciation on Works and Buildings
£205,062 and Redemption £24,002 7s. 1d.

229,064 7 1
Cr. 247,729 2 3
Cr. 3,941 5 7

EXPENDITURE BORNE BY THE STATE 1964-65—continued.

Capital Charges—	£	s.	d.	£	s.	d.
Interest on Capital Expenditure on Headworks and other Capital Expenditure borne by the State	5,694,159	11	0			
Exchange on Overseas Interest Payments	230,900	13	5			
Loan Conversion Expenses	4,350	19	10			
	5,929,411	4	3			
<i>Plus</i> Increase in Arrears of Interest owing by Waterworks Trusts and other Corporations	5,323	7	10			
	5,934,734	12	1			
<i>Less</i> Interest received on Land sold	3,867	6	5	5,930,867	5	8
National Debt Sinking Fund Operations—	£	s.	d.			
Contribution to Fund	374,479	13	7			
<i>Less</i> Recoups Paid by River Improvement Trusts	665	3	7			
„ Recoups Paid by Waterworks Trusts	72,586	1	3			
„ Recoups Paid by Plant Hire	4,144	4	6			
	77,395	9	4	297,084	4	3
Expenditure borne by the State 1964-65.				6,224,010	4	4
<i>Add</i> Adjustment in respect of interest charged against Waterworks Trusts 1963-64 to accord with Treasury Finance Statement 1963-64.				275	3	10
NET EXPENDITURE borne by the State				6,224,285	8	2

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

DISTRICT STATEMENTS—*continued.*

PLANT WORKSHOPS—*continued.*
BALANCE SHEETS AS AT 30TH JUNE, 1965.

District.	Liabilities.						Assets.				
	Capital see Capital Accounts for Details.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Cash Account Deficiency.	Profit and Loss Account Gain.	Works at Cost.	Depreciation Account.	Sundry Debtors.	Cash Account 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.
Bendigo	253,742 18 8	783 17 6	39,561 19 9	..	..	14,906 3 8	254,526 16 2	39,561 19 9	12,120 14 0	2,785 9 8	..
Kerang Sub-Depot	17,317 13 7	54 13 0	2,745 17 7	..	..	1,243 6 7	17,372 6 7	2,745 17 7	..	1,243 6 7	..
Tatura Sub-Depot	2,595 18 1	..	436 16 2	..	15 5 2	..	2,595 18 1	436 16 2	..	..	15 5 2
Totals	273,656 10 4	838 10 6	42,744 13 6	..	15 5 2	16,149 10 3	274,495 0 10	42,744 13 6	12,120 14 0	4,028 16 3	15 5 2

DISTRICT STATEMENTS—continued.

COLIBAN SYSTEM.

PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1964-65.

District.	1.	Net Revenue Assessment.		Expenditure.		Profit and Loss.		Appropriation.				
		2.		3.		4.		5.		6.		Accumulated.
		£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	
*Axe Creek	..	1,804	10 1	2,009	15 10	733	0 0	205	5 9	..	..	7,807 1 8 527,431 8 11 20 10 6 21,228 4 11 1,331 11 11 557,818 17 11
*Coliban	..	235,793	14 11	247,451	15 9	..	..	12,391	0 10	..	..
Elphinstone	..	700	0 6	530	15 7	..	..	3,267	15 9	169	4 11	
*Harcourt	..	9,035	12 6	12,303	8 3	..	..	..	..	..	..
*Marong	..	811	18 4	628	8 5	..	1 10	..	..	183	8 1	
Totals	..	248,145	16 4	262,924	3 10	733	1 10	15,864	2 4	352	13 0	828,373 18 10
								(A) 1,673	7 10	(A) 1,673	7 10	557,818 17 11

CASH ACCOUNTS FOR FINANCIAL YEAR 1964-65.

District.	Receipts.	Expenditure.				Surplus 1964-65.	Accumulated.			
		Operating Costs.	Interest.	Depreciation.	Redemption.		Surplus Credited to District Account at 30th June, 1965.	Deficiency Chargeable to District Account at 30th June, 1965.	Deficiency Chargeable to State Account at 30th June, 1965.	
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.
*Axe Creek	1,989 17 2	1,880 15 10	13,407 10 10	129 0 0	..	19 18 8	..	..	1,539 1 10	6,385 8 10
*Coliban	235,197 10 7	203,000 4 11	..	31,044 0 0	..	12,254 5 2	..	..	46,251 6 1	1,339,048 16 9
Elphinstone	713 10 8	403 15 7	..	127 0 0	..	..	182 15 1	198 15 4	236 2 10	236 2 10
*Harcourt	8,941 0 1	11,443 8 3	..	860 0 0	..	3,362 8 2	..	..	7,079 2 3	14,029 6 11
*Marong	872 1 10	476 10 6	0 17 11	151 0 0	0 1 10	..	243 11 7	230 16 7	..	1,671 14 6
Totals	247,714 0 4	217,204 15 1	13,408 8 9	32,311 0 0	0 1 10	15,636 12 0	426 6 8	429 11 11	54,869 10 2	1,361,371 9 10

* The Districts marked thus 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 22nd December, 1964, under the provisions of Section 47, *Water Act* 1958, No. 6413.)

DISTRICT STATEMENTS—continued.

COLIBAN SYSTEM—continued.

BALANCE SHEETS AS AT 30TH JUNE, 1965.

District.	Liabilities.						Assets.					
	Capital see Capital Accounts for Details. 2.	Redemption Account. 3.	Depreciation Reserve Account. 4.	Sundry Creditors. 5.	Cash Account Deficiency. 6.	Profit and Loss Account Gain. 7.	Works at Cost. 8.	Depreciation Account. 9.	Sundry Debtors. 10.	Cash Account 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.	
..	5,108 15 9	..	251 2 0	52 0 10	7,924 10 8	..	5,108 15 9	251 2 0	169 9 10	..	7,807 1 8	
..	4,647,336 4 4	20,937 12 3	175,286 11 0	1,136 4 1	1,385,300 2 10	..	4,652,082 12 1	175,286 11 0	46,822 3 8	..	1,355,805 7 9	
..	7,520 7 5	..	1,187 18 3	..	37 7 6	..	7,520 7 5	1,187 18 3	16 17 0	..	20 10 6	
..	17,822 3 0	232 18 6	2,194 14 7	259 12 6	21,108 9 2	..	18,055 1 6	2,194 14 7	139 16 9	..	21,228 4 11	
..	4,758 5 5	16 2 2	1,627 7 3	..	1,440 17 11	..	4,774 7 7	1,627 7 3	109 6 0	..	1,331 11 11	
Totals	4,682,545 15 11	21,186 12 11	180,547 13 1	1,447 17 5	1,415,811 8 1	..	4,687,541 4 4	180,547 13 1	47,257 13 3	..	1,386,192 16 9	

* The Districts marked thus 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 22nd December 1964, under the provisions of section 47, *Water Act* 1958, No. 6413.)

DISTRICT STATEMENTS—continued.

IRRIGATION DISTRICTS.

PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1964-65.

District.	1.	Net Revenue.	Expenditure.		O.I.C. Subsidy (Act No. 6413, Sec. 67 (3) (f)) Chargeable to Expenditure Borne by State Account.	Profit and Loss.		Amount Transferred to Maintenance Equalization and Renewals Account.	Adjustments to Revenue of Former Years Including Written Off. (A) Loss, (B) Gain.	Appropriation.		
			Operating Costs and Interest.	Redemption.		Loss. 1964-65.	Gain, 1964-65.			Loss Borne by State Account at 30th June, 1965.	District Loss at 30th June, 1965.	District Gain as at 30th June, 1965.
		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.
Bacchus Marsh	..	37,759 3 9	31,388 0 0	477 8 5	..	..	5,893 15 4	5,377 19 9	..	21,170 8 3	..	6,320 3 2
Campaspe	..	2,509 19 4	1,642 19 8	..	..	..	866 19 8	574 11 0	..	4,994 2 7	..	1,211 18 6
Goulburn-Murray	..	1,381,288 10 7	1,263,242 0 1	..	..	..	118,046 10 6	176,262 11 3	(A) 1,902 7 11	712,566 3 10	..	355,187 0 6
Macalister	..	159,997 3 11	142,903 18 11	..	..	..	17,093 5 0	10,454 9 0	(A) 14 3 5	3,713 1 5	..	27,203 19 11
Merbein	..	113,166 5 0	104,453 1 9	..	..	..	8,713 3 3	9,659 5 4	..	125,301 9 0	..	20,739 8 11
Nyah	..	31,449 2 11	39,519 18 0	..	8,070 15 1	..	..	..	..	136,724 19 6	..	..
Red Cliffs	..	175,707 10 2	152,884 9 10	..	..	..	22,823 0 4	..	(A) 102 13 10	268,775 10 11	..	31,040 6 3
Robinvale	..	75,165 3 9	53,840 7 10	..	..	..	21,324 15 11	30,211 4 0	(A) 8 3 0	127,590 9 10	..	23,214 1 11
Tresco	..	15,879 9 6	25,737 13 11	..	9,384 0 0	474 4 5	..	..	(A) 113 8 0	198,100 0 2	1,572 7 6	..
Werribee	..	33,353 14 6	30,782 10 11	..	..	..	2,571 3 7	3,302 6 9	..	52,707 6 11	..	4,747 9 3
Totals	..	2,026,276 3 5	1,846,395 0 11	477 8 5	17,454 15 1	474 4 5	197,332 13 7	235,842 7 1	(A) 2,140 16 2	1,651,643 12 5	1,572 7 6	469,664 8 5

DISTRICT STATEMENTS—*continued.*IRRIGATION DISTRICTS—*continued.*
CASH ACCOUNTS FOR FINANCIAL YEAR 1964-65.

District.	1.	Receipts.	Expenditure.			O.I.C. Subsidy (Act No. 6413 Sec. 67 (3) (f)) Charged to Expenditure Borne by State Account.	Deficiency 1964-65.	Surplus 1964-65.	Amounts Transferred to Maintenance Equalization and Renewals Account 1964-65.	Accumulated.		
		2.	Operating Costs.	Interest.	Redemption.					Surplus Credited to District Account at 30th June, 1965.	Deficiency Charged to District Account at 30th June, 1965.	Deficiency Charged to State Account at 30th June, 1965.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Bacchus Marsh	..	37,436 14 8	25,730 15 0	5,657 5 0	477 8 5	..	..	5,571 6 3	5,377 19 9	5,571 6 3	..	21,170 8 3
Campaspe	2,095 8 7	1,642 19 8	..	..	..	..	452 8 11	574 11 0	452 8 11	..	4,994 2 7
Goulburn-Murray	..	1,320,683 10 6	1,263,242 0 1	..	..	..	..	57,441 10 5	176,262 11 3	57,441 10 5	..	712,566 3 10
Macalister	..	158,263 7 3	142,903 18 11	..	..	..	..	15,359 8 4	10,454 9 0	15,359 8 4	..	3,713 1 5
Merbein	115,894 16 6	104,453 1 9	..	..	..	..	11,441 14 9	9,659 5 4	11,441 14 9	..	125,301 9 0
Nyah	33,067 19 10	39,519 18 0	..	..	8,070 15 1	..	1,618 16 11	..	..	7,375 6 2	136,724 19 6
Red Cliffs	183,167 4 8	152,884 9 10	..	..	..	..	30,282 14 10	..	22,892 5 8	..	268,775 10 11
Robinvale	..	68,407 14 2	53,840 7 10	..	..	..	..	14,567 6 4	30,211 4 0	14,567 6 4	..	127,590 9 10
Tresco	16,253 18 0	25,737 13 11	..	..	9,384 0 0	99 15 11	..	..	..	5,366 1 9	198,100 0 2
Werribee	33,192 11 10	30,782 10 11	..	..	..	..	2,410 0 11	3,302 6 9	2,410 0 11	..	52,707 6 11
Totals	..	1,968,463 6 0	1,840,737 15 11	5,657 5 0	477 8 5	17,454 15 1	99 15 11	139,145 7 8	235,842 7 1	130,136 1 7	12,741 7 11	1,651,643 12 5

DISTRICT STATEMENTS—continued.

IRRIGATION DISTRICTS—continued.
BALANCE-SHEETS AS AT 30TH JUNE, 1965.

District.	Liabilities.						Assets.					
	Capital see Capital Accounts for Details.	Redemption Account.	Irrigation Districts Maintenance Equalization and Renewals Reserve Account.	Sundry Creditors.	Cash Account Deficiency.	Profit and Loss Account Gain.	Works at Cost.	Irrigation Districts Maintenance Equalization and Renewals Account.	Sundry Debtors.	Cash Account 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.	
Bacchus Marsh ..	685,469 8 10	2,870 17 9	5,262 4 5	..	15,599 2 0	..	688,340 6 7	5,262 4 5	748 16 11	..	14,850 5 1	
Campaspe ..	366,226 6 5	..	1,531 12 5	..	4,541 13 8	..	366,226 6 5	1,531 12 5	759 9 7	..	3,782 4 1	
Goulburn-Murray ..	62,198,737 0 2	22,179 13 5	64,944 11 6	3,701 13 6	655,124 13 5	..	62,220,916 13 7	64,944 11 6	301,447 3 7	..	357,379 3 4	
Macalister ..	6,514,345 13 2	2,447 15 0	54,922 7 4	116 12 4	..	23,490 18 6	6,516,793 8 2	54,922 7 4	11,961 3 11	11,646 6 11	..	
Merbein ..	641,100 13 3	..	4,635 18 8	19 5 0	113,859 14 3	..	641,100 13 3	4,635 18 8	9,316 19 2	..	104,562 0 1	
Nyah ..	351,083 12 7	54 19 10	711 4 5	54 16 3	144,100 5 8	..	351,138 12 5	711 4 5	7,430 2 5	..	136,724 19 6	
Red Cliffs ..	1,368,569 12 9	..	2,497 4 4	75 16 0	245,883 5 3	..	1,368,569 12 9	2,497 4 4	8,223 16 7	..	237,735 4 8	
Robinvale ..	1,434,688 10 4	..	55,119 17 9	6 10 0	113,023 3 6	..	1,434,688 10 4	55,119 17 9	8,653 5 7	..	104,376 7 11	
Tresco ..	214,449 2 11	..	..	78 0 0	203,466 1 11	..	214,449 2 11	..	3,871 14 3	..	199,672 7 8
Werribee ..	448,169 15 9	1,491 5 10	13,085 10 3	16 8 7	50,297 6 0	..	449,661 1 7	13,085 10 3	2,353 16 11	..	47,959 17 8	
Totals ..	74,222,839 16 2	29,044 11 10	202,710 11 1	4,069 1 8	1,545,895 5 8	23,490 18 6	74,251,884 8 0	202,710 11 1	354,766 8 11	11,646 6 11	1,207,042 10 0	

DISTRICT STATEMENTS—continued.

WATERWORKS DISTRICTS.
PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1964-65.

District.	Net Revenue Assessment.	Expenditure.		Profit and Loss.		Appropriation.			
		Operating Cost, Interest and Depreciation.	Redemption Charged.	Loss 1964-65.	Gain 1964-65.	Adjustments to Revenue of Former Years Including Amounts Written Off (A) Loss. (B) Gain.	Interest and Other Losses before 1st July, 1938, Borne by State (Act No. 6413, Sec. 54).	Accumulated.	Gain as at 30th June, 1965.
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.	£ s. d.
Bellarine Peninsula	8,112 10 9	5,684 10 6	..	..	2,428 0 3	(B) 228 5 3	9,927 9 8	42,044 10 10	..
Mornington Peninsula	31,286 15 2	42,402 16 7	1,314 6 3	12,430 7 8	..	(A) 120 10 0	1,077 12 3	..	18,135 10 0
* Otway	50,825 9 0	61,326 15 7	726 0 4	11,227 6 11	..	(A) 26 10 0	..	80,284 0 9	..
<i>Supplied from Goulburn, Campaspe and Loddon Systems.</i>									
East Loddon	7,472 7 4	7,073 5 4	..	..	399 2 0	..	..	5,128 1 4	3,741 3 9
Normanville	12,014 18 3	10,349 6 4	..	..	1,665 11 11	..	..	..	3,213 7 6
West Loddon	7,081 3 3	8,065 15 7	..	984 12 4	..	..	..	..	..
System Totals	26,568 8 10	25,488 7 3	..	984 12 4	2,064 13 11	..	..	5,128 1 4	6,954 11 3
<i>Supplied from River Murray.</i>									
* Millewa	35,049 13 0	74,314 18 6	..	39,265 5 6	..	..	201,206 16 0	1,300,105 13 6	..
* Tyntynder North	14,616 11 7	18,555 13 9	..	3,939 2 2	..	..	52,263 5 5	246,503 6 2	..
System Totals	49,666 4 7	92,870 12 3	..	43,204 7 8	..	..	253,470 1 5	1,546,608 19 8	..
<i>Supplied from Wimmera-Mallee System.</i>									
* Mallee	123,174 6 2	126,443 16 10	..	3,269 10 8	..	(B) 82 19 6	134,716 12 7	782,467 19 11	..
* Northern Mallee	108,027 1 3	146,685 10 7	..	38,638 9 4	..	(A) 932 9 1	248,625 14 4	1,938,795 15 2	..
Upper Wimmera	64,554 12 4	59,013 1 2	..	..	5,541 11 2	(A) 113 8 10	13,389 11 7	57,758 15 5	..
Wimmera	122,249 17 11	126,666 13 0	..	4,416 15 1	..	(A) 11 3 8	13,428 5 1	70,490 14 4	..
System Totals	418,005 17 8	458,809 1 7	..	46,344 15 1	5,541 11 2	(A) 974 2 1	410,160 3 7	2,849,513 4 10	..
<i>Miscellaneous.</i>									
Kerang-North West Lakes	1,963 0 4	1,497 7 6	..	..	465 12 10	..	831 10 5	..	2,583 1 2
Werribee	441 18 7	102 19 6	..	..	338 19 1	..	2,221 10 10	694 19 11	..
Miscellaneous Totals	2,404 18 11	1,600 7 0	..	..	804 11 11	..	3,053 1 3	694 19 11	2,583 1 2
Grand Totals	586,870 4 11	688,182 10 9	2,040 6 7	114,191 9 8	10,838 17 3	(A) 892 16 10	677,688 8 2	4,524,273 17 4	27,673 2 5

* The Districts marked thus 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 22nd December, 1964, under the provisions of section 47, *Water Act 1958*, No. 6413.)

DISTRICT STATEMENTS—continued.

WATERWORKS DISTRICTS—continued.
CASH ACCOUNTS FOR FINANCIAL YEAR 1964-65.

District.	Receipts.	Expenditure.				Deficiency 1964-65.	Surplus 1964-65.	Accumulated.		
		Operating Costs.	Interest.	Depreciation.	Redemption.			Surplus Credited to District Account at 30th June, 1965.	Deficiency Chargeable to District Account at 30th June, 1965.	Deficiency Chargeable to State Account at 30th June, 1965.
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.	£ s. d.
Bellarine Peninsula ..	8,402 3 11	3,866 10 6	..	1,818 0 0	..	..	2,717 13 5	..	44,337 12 5	9,927 9 8
Mornington Peninsula ..	41,124 16 10	16,860 2 8	16,340 13 11	9,202 0 0	..	1,277 19 9	..	21,797 4 1	..	1,077 12 3
*Otway ..	50,493 7 11	40,659 15 9	9,993 19 10	10,673 0 0	..	10,833 7 8	..	2,756 8 3	..	78,475 5 10
<i>Supplied from Goulburn, Campaspe, and Loddon Systems</i>										
East Loddon ..	7,299 1 5	7,073 5 4	..	..	..	..	225 16 1	4,034 11 10	..	700 1 11
Normanville ..	11,961 9 10	9,953 6 4	..	396 0 0	..	..	1,612 3 6	3,099 17 6	..	1,971 19 1
West Loddon ..	6,960 8 9	8,065 15 7	..	..	..	1,105 6 10	..	..	..	..
System Totals ..	26,221 0 0	25,092 7 3	..	396 0 0	..	1,105 6 10	1,837 19 7	7,134 9 4	3,320 4 10	2,672 1 0
<i>Supplied from River Murray.</i>										
*Millewa ..	30,724 10 8	66,776 18 6	..	7,538 0 0	..	43,590 7 10	..	..	69,767 14 9	1,434,402 14 5
*Tyntynder North ..	13,008 5 5	18,361 13 9	..	194 0 0	..	5,547 8 4	..	..	20,097 16 8	280,911 5 7
System Totals ..	43,732 16 1	85,138 12 3	..	7,732 0 0	..	49,137 16 2	..	..	89,865 11 5	1,715,314 0 0
<i>Supplied from Wimmera-Mallee Systems</i>										
*Mallee ..	122,159 7 11	125,231 16 10	..	1,212 0 0	..	4,284 8 11	..	..	89,693 16 11	829,093 13 9
*Northern Mallee ..	106,636 5 11	144,818 10 7	..	1,867 0 0	..	40,049 4 8	..	..	213,353 13 10	1,977,404 16 2
Upper Wimmera ..	64,456 4 8	58,621 1 2	..	392 0 0	..	..	5,443 3 6	..	14,156 7 3	57,238 13 9
Wimmera ..	122,764 2 10	124,093 13 0	..	2,573 0 0	..	3,902 10 2	..	..	74,357 0 3	16,100 19 8
System Totals ..	416,016 1 4	452,765 1 7	..	6,044 0 0	..	48,236 3 9	5,443 3 6	..	391,560 18 3	2,879,838 3 4
<i>Miscellaneous</i>										
Kerang-North West Lakes	1,719 1 9	1,497 7 6	..	..	..	..	221 14 3	4,643 14 8	..	3,738 2 0
Werribee ..	434 2 7	102 19 6	..	..	..	..	331 3 1	..	161 1 4	2,755 9 5
Miscellaneous Totals	2,153 4 4	1,600 7 0	..	..	..	..	552 17 4	4,643 14 8	161 1 4	6,493 11 5
Grand Totals ..	588,143 10 5	625,982 17 0	26,334 13 9	35,865 0 0	..	110,590 14 2	10,551 13 10	36,331 16 4	529,245 8 3	4,693,798 3 6

* The Districts marked thus 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 22nd December, 1964, under the provisions of Section 47, *Water Act* 1958, No. 6413.)

DISTRICT STATEMENTS—continued.

WATERWORKS DISTRICTS—continued.
BALANCE-SHEETS AS AT 30TH JUNE, 1965.

District.	Liabilities.						Assets.					
	Capital see Capital Accounts for Details.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Cash Account Deficiency.	Profit and Loss Account Gain.	Works at Cost.	Depreciation Account.	Sundry Debtors.	Cash Account Surplus.	Profit and Loss Account Loss.	
I.	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.	
Bellarine Peninsula	73,268 18 6	3,801 8 10	Cr. 7,086 15 4	39 6 3	54,265 2 1	..	77,070 7 4	Cr. 7,086 15 4	2,332 7 10	..	51,972 0 6	
Mornington Peninsula	810,611 11 7	15,291 16 1	71,343 13 10	6 12 6	..	17,057 17 9	819,300 1 11	71,343 13 10	2,948 4 2	20,719 11 10	..	
Otway	657,521 13 11	10,931 13 7	105,996 0 2	5 2 9	75,718 17 7	..	662,737 4 2	105,996 0 2	1,156 2 11	..	80,284 0 9	
Supplied from Goulburn, Campaspe, and Loddon Systems.												
East Loddon	21,733 5 0	7,602 6 7	640 9 5	23 5 5	..	3,741 3 9	29,335 11 7	640 9 5	429 19 3	3,334 9 11	5,128 1 4	
Normanville	65,008 0 1	222 1 11	6,714 7 9	60 13 4	5,292 3 11	3,213 7 6	65,230 2 0	6,714 7 9	224 15 11	3,099 17 6	..	
West Loddon	21,959 9 11	3,764 7 3	1,236 15 2	6 4 8	..	..	25,723 17 2	1,236 15 2	119 14 8	..	..
System Totals	108,700 15 0	11,588 15 9	8,591 12 4	90 3 5	5,292 3 11	6,954 11 3	120,289 10 9	8,591 12 4	774 9 10	6,434 7 5	5,128 1 4	
Supplied from River Murray.												
Millewa	743,295 1 5	..	94,909 12 10	2 5	1,504,170 9 2	..	743,295 1 5	94,909 12 10	2,858 2 1	..	1,501,312 9 6	
Tintindler North	240,740 14 4	..	2,637 12 9	1 17 6	301,009 2 3	..	240,740 14 4	2,637 12 9	2,244 8 2	..	298,766 11 7	
System Totals.	984,035 15 9	..	97,547 5 7	1 19 11	1,805,179 11 5	..	984,035 15 9	97,547 5 7	5,102 10 3	..	1,800,079 1 1	
Supplied from Wimmera-Mallee System												
Mallee	1,903,557 15 5	1,144 3 0	7,396 14 8	103 3 8	918,787 10 8	..	1,904,701 18 5	7,396 14 8	1,706 1 10	..	917,184 12 6	
Northern Mallee	2,319,724 1 5	1,416 17 2	19,266 13 0	55 10 8	2,190,758 10 0	..	2,319,724 1 5	19,266 13 0	3,392 11 2	..	2,187,421 9 6	
Upper Wimmera	849,226 9 3	1,246 7 4	760 13 0	49 8 3	71,395 1 0	..	850,643 6 5	760 13 0	296 2 3	..	71,148 7 0	
Wimmera	2,087,632 11 11	..	30,800 14 5	139 6 4	90,457 19 11	..	2,088,878 19 3	30,800 14 5	6,678 6 10	..	83,918 19 5	
System Totals	7,160,140 18 0	3,807 7 6	58,224 15 1	347 8 11	3,271,399 1 7	..	7,163,948 5 6	58,224 15 1	12,073 2 1	..	3,259,673 8 5	
Miscellaneous.												
Kerang-North West Lakes	7,090 13 2	82 12 10	243 16 7	19 7 11	2,916 10 9	1,751 10 9	7,090 13 2	243 16 7	865 6 0	905 12 8	2,916 10 9	
Werribee	12,903 12 10	..	20 6 7	..	..	..	12,986 5 8	20 6 7	..	..	..
Miscellaneous Totals	19,994 6 0	82 12 10	264 3 2	19 7 11	2,916 10 9	1,751 10 9	20,076 18 10	264 3 2	865 6 0	905 12 8	2,916 10 9	
Grand Totals—Waterworks	9,814,273 18 9	45,503 14 7	334,880 14 10	510 1 8	5,214,771 7 4	25,763 19 9	9,847,458 4 3	334,880 14 10	25,252 3 1	28,059 11 11	5,200,053 2 10	

* The Districts marked thus 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 22nd December, 1964, under the provisions of Section 47, *Water Act* 1958, No. 6413.)

DISTRICT STATEMENTS—continued.

URBAN DISTRICTS.

PROFIT AND LOSS ACCOUNTS FOR FINANCIAL YEAR 1964-65.

District.	Net Revenue Assessment.	Expenditure.		Profit and Loss.		Appropriation.			
		Operating Cost, Interest and Depreciation.	Redemption Charged.	Loss 1964-65.	Gain 1964-65.	Adjustments to Revenue of Former Years Including Amounts Written Off. (A) Loss. (B) Gain.	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, 1965.
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.
<i>Supplied from Bellarine Peninsula System.</i>									
Anglesea ..	10,166 10 11	9,911 16 11	313 10 7	58 16 7	715 19 3	(A) 60 8 10	1,638 15 9	..	12,824 1 9
Barwon Heads-Ocean Grove ..	19,239 0 4	18,002 6 2	520 14 11	..	..	(A) 80 4 1	..	..	10,391 8 8
Birregurra ..	2,079 1 3	2,305 18 2	76 1 8	302 18 7	1,109 10 6	(A) 28 8 6	..	..	92 4 8
Drysdale ..	5,179 14 7	3,979 13 9	90 10 4	..	..	(A) 16 17 8	326 16 1	..	5,127 15 0
Indented Head-St. Leonards ..	8,632 6 3	9,276 5 5	388 11 3	1,032 10 5	1,749 6 2	(A) 16 19 3	..	..	1,380 4 7
Leopold ..	2,806 15 1	1,025 1 11	32 7 0	..	..	(A) 15 1 4	..	..	4,762 2 1
Portarlington ..	8,917 16 7	7,773 9 6	224 13 1	..	919 14 0	(A) 139 5 9	1,724 12 7	..	4,132 10 4
Queenscliff-Pt. Lonsdale ..	18,137 16 2	17,143 12 6	417 15 10	..	576 7 10	(A) 32 6 3	..	..	7,723 17 9
Torquay ..	7,545 1 6	6,570 3 2	167 10 4	..	807 8 0	(B) 48 6 0	1,755 7 7	..	13,168 9 10
System Totals ..	82,704 2 8	75,988 7 6	2,231 15 0	1,394 5 7	5,878 5 9	(A) 341 5 8	5,445 12 0	..	59,602 14 8
<i>Supplied from Mornington Peninsula System.</i>									
Baxter-Pearcedale ..	3,448 4 8	3,555 10 6	138 3 4	245 9 2	..	..	..	..	866 6 3
Berwick ..	11,945 16 8	12,340 1 10	299 15 6	694 0 8	..	..	474 1 9	..	325 8 10
Bunyip ..	3,429 18 3	3,454 15 5	45 8 10	70 6 0	143 19 9	(A) 0 12 4	..	541 5 4	1,711 11 0
Carrum Downs ..	2,413 9 5	2,208 7 1	61 2 7	..	548 13 10	..	538 9 1	..	3,157 16 11
Cranbourne ..	6,627 0 5	5,889 12 7	188 14 0	..	..	..	3,601 18 7	..	69,871 8 6
Dandenong-Springvale ..	42,228 17 10	43,432 13 4	1,148 5 5	2,352 0 11	40,780 3 6	(A) 9 5 8	..	..	70,541 0 9
Dromana-Portsea ..	202,613 5 0	156,704 10 0	5,128 11 6	..	8,206 13 2	(A) 195 14 0	9,188 12 3	..	145,432 18 1
Frankston-Mornington ..	258,657 3 7	241,225 12 10	9,224 17 7	..	284 8 4	(A) 305 17 9	381 5 7	..	1,662 8 11
Garfield ..	3,073 16 4	2,708 4 1	81 3 11	..	449 15 9	..	..	..	1,452 8 6
Hampton Park ..	4,384 19 9	3,824 1 4	111 2 8	..	..	..	..	..	500 3 9
Longwarry ..	3,794 10 2	4,544 16 4	113 19 1	864 5 3	1,847 0 0	..	..	..	1,847 0 0
Narre Warren ..	4,826 2 3	2,979 2 3	..	..	535 0 7	..	..	..	1,769 1 7
Nar Nar Goon-Tynong ..	3,675 17 0	3,053 6 5	87 10 0	109 7 0	..	..	..	..	679 1 1
Officer ..	1,975 17 5	2,020 8 8	64 15 9	1,381 2 0	..	..	..	..	4,668 4 9
Pakenham ..	8,126 2 4	9,213 12 7	293 11 9	753 6 9	..	..	448 13 9	..	1,658 17 1
Westernport ..	17,778 12 5	18,018 10 1	513 9 1	..	..	(A) 87 17 6	..	..	..
System Totals ..	578,999 13 6	515,173 5 4	17,500 11 0	6,469 17 9	52,795 14 11	(A) 599 7 3	14,633 1 0	541 5 4	306,143 16 0

DISTRICT STATEMENTS—continued.

URBAN DISTRICTS—PROFIT AND LOSS ACCOUNTS—continued.

District.	Net Revenue Assessment.	Expenditure.		Profit and Loss.		Adjustments to Revenue of Former Years Including Amounts Written Off (A) Loss. (B) Gain.	Appropriation.		
		Operating Cost, Interest and Depreciation.	Redemption Charged.	Loss 1964-65.	Gain 1964-65.		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, 1965.
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.
<i>Supplied from Orway System.</i>									
*Allansford	5,110 19 6	5,392 9 2	60 16 1	342 5 9	1,598 14 6	(A) 35 15 0	..	4,598 5 4	3,016 0 1
Otway	44,149 12 1	41,896 8 3	654 9 4	..	..	..	..	..	..
System Totals	49,260 11 7	47,288 17 5	715 5 5	342 5 9	1,598 14 6	(A) 35 15 0	..	4,598 5 4	3,016 0 1
<i>Supplied from Goulburn, Campaspe and Loddon Systems.</i>									
*Corop	93 14 5	111 15 3	..	18 0 10	..	..	62 8 1	82 11 1	..
*Dingee	257 5 6	494 2 9	..	236 17 3	..	..	93 10 6	1,229 10 9	1,248 16 0
Gunbower	1,330 5 8	1,096 13 7	37 4 4	..	196 7 9	(B) 0 11 7	408 17 3	59 18 6	..
Koonbrook	2,686 12 5	2,414 2 1	12 15 7	..	259 14 9	(A) 6 19 6	..	..	977 9 2
Leitchville	1,779 11 4	1,568 19 3	23 2 2	7 1 7	187 9 11	(B) 21 10 0	..	..	1,167 5 0
Lockington	1,191 2 11	1,175 1 8	23 2 10	..	12 9 7	(A) 0 0 9	..	487 7 2	..
*Macorna	193 19 3	181 9 8	..	428 8 1	..	(A) 0 19 9	92 1 10	2,937 15 11	..
*Mitiamo	675 17 6	1,104 5 7	..	406 6 1	169 9 6	(B) 1 5 2	..	6,247 14 2	2,679 7 5
*Murrabit	238 6 9	644 12 10	31 12 7	112 18 3	..	(A) 57 18 4	..	..	2,722 5 1
Pyramid Hill	1,816 14 0	1,615 11 11	41 16 9	..	35 16 7	..	..	..	1,208 9 3
Stanhope	1,572 19 8	1,644 1 2	10 7 10	..	..	..	..	..	..
Tallygaroopna	529 11 11	483 7 6	..	..	..	..	..	..	..
System Totals	12,366 1 4	12,534 3 3	180 2 1	1,209 12 1	861 8 1	(A) 42 11 7	656 17 8	11,044 17 7	10,003 11 11
<i>Supplied from River Murray.</i>									
Carwarp	94 11 1	76 16 1	0 15 11	..	16 19 1	(A) 30 10 0	558 14 5	5,714 18 6	446 7 11
Lake Boga	1,925 5 0	1,821 18 4	0 4 10	..	103 1 10	(A) 69 12 0	510 10 1	8,883 10 0	..
Merbein	6,723 5 0	5,852 15 0	88 16 2	..	781 13 10	..	..	1,875 15 5	..
Meringur	217 12 3	163 9 5	0 0 3	..	54 2 7	(A) 10 0 0	48 2 10	714 1 6	405 4 9
Nyah	1,012 14 0	693 12 1	25 16 6	..	319 1 11	(A) 6 10 9	..	779 12 2	10,806 15 8
Nyah West	2,153 17 3	1,662 19 8	..	..	465 1 1	(A) 68 18 3	..	..	5,153 13 7
Piangel	981 14 2	674 17 9	221 17 2	368 7 7	306 16 5	(A) 10 16 0	284 19 8	701 13 6	..
Red Cliffs	11,250 10 3	10,505 7 10	85 11 8	..	523 5 3	..	..	..	..
Robinvale	4,161 8 2	4,444 4 1	12 12 11	..	218 8 9	..	..	..	..
Werrinull	687 2 1	456 0 5	..	..	..	..	..	..	..
System Totals	29,207 19 3	26,352 0 8	435 15 5	368 7 7	2,788 10 9	(A) 196 7 0	1,402 7 0	9,786 1 1	25,695 11 11

DISTRICT STATEMENTS—continued.

URBAN DISTRICTS—PROFIT AND LOSS ACCOUNTS—continued.

District.	Net Revenue Assessment.	Expenditure.		Profit and Loss.		Appropriation.			
		Operating Cost, Interest and Depreciation.	Redemption Charged.	Loss 1964-65.	Gain 1964-65.	Adjustments to Revenue of Former Years Including Amounts Written Off (A) Loss (B) Gain.	Interest and Other Losses before 1st July, 1938, Borne by State (Act No. 6413, Sec. 54).	Accumulated.	
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	Gain as at 30th June, 1965.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
<i>Supplied from Wimmera-Mallee System.</i>									
Antwerp ..	157 9 5	155 14 11	0 13 6	30 9 4	1 1 0	..	216 18 8	47 18 4	115 19 10
Berriwillock ..	967 14 3	982 8 7	15 15 0	..	497 10 9	..	96 18 2	..	1,088 17 3
Beulah ..	2,261 3 7	1,734 17 3	28 15 7	..	193 13 6	(A) 72 15 8	873 6 5	..	1,010 18 3
Birchip ..	3,852 4 0	3,607 16 5	50 14 1	245 7 10	..	(A) 9 6 9	..	4,509 11 10	..
*Brim ..	675 17 9	920 7 0	0 18 7	56 12 11	..	..	218 18 1	232 2 4	..
*Chillingollah ..	185 0 0	234 8 0	7 4 11	107 7 7	..	..	157 15 3	1,996 12 11	..
*Chinkapook ..	244 12 6	352 0 1	..	102 13 8	..	..	..	..	..
Culgoa ..	839 15 8	926 19 6	15 9 10	..	..	..	..	..	588 10 5
Dimboola ..	6,540 2 2	6,008 11 9	64 15 8	..	466 14 9	(B) 5 6 6	..	..	4,836 5 9
Doon ..	123 13 9	110 0 8	1 14 11	..	11 18 2	..	130 4 9	..	126 18 11
Hopetoun ..	5,208 18 0	4,781 6 1	111 4 11	..	316 7 0	(B) 5 19 4	580 2 10	..	2,233 15 7
Jeparit ..	2,737 2 1	2,609 2 10	59 14 3	..	68 5 0	..	..	5,933 3 8	2,427 10 1
*Jung Jung ..	416 0 1	787 5 3	0 0 1	371 5 3	228 5 1	(A) 8 16 0	540 2 11	..	..
Lalbert ..	655 1 8	426 9 11	0 6 8	..	52 11 9	(A) 19 1 8	43 8 7	1,679 17 3	..
*Lascelles ..	625 16 3	573 3 4	0 1 2	..	441 13 10	..	411 15 11	1,015 9 3	..
Manangatang ..	1,799 5 8	1,353 5 5	4 6 5	..	103 5 8	..	..	3,547 3 2	124 1 3
*Marnoo ..	758 3 7	648 12 9	6 5 2	..	111 9 8	(A) 9 10 0	..	833 19 9	817 8 1
Minyip ..	3,184 16 3	3,034 12 2	38 14 5	5 11 3	222 7 8	..	..	925 5 2	65 0 7
Nandaly ..	471 13 0	477 4 1	0 0 2	..	77 18 6	..	..	..	..
Natimuk ..	1,423 10 1	1,187 2 8	13 19 9	..	1,656 4 8	(A) 15 14 0	..	2,161 14 5	1,925 1 1
*Nullawil ..	442 3 9	363 9 5	0 15 10	..	..	..	..	36 14 7	..
Ouyen ..	8,094 16 3	6,361 6 3	77 5 4	246 15 4	34 10 5	..	..	..	774 12 5
*Patchewollock ..	637 16 1	884 11 4	0 0 1	..	151 0 7	(A) 5 8 0	..	..	3,323 17 1
Pimpinio ..	294 5 3	259 14 10	23 3 3	..	..	(A) 78 2 7	..	..	1,257 19 1
Quambatook ..	1,871 1 10	1,696 18 0	64 11 1	195 2 0	..	(A) 10 12 6	..	3,006 19 9	1,672 5 0
Rainbow ..	3,146 5 9	3,276 16 8	42 17 0	125 7 11	..	(B) 4 19 4	..	3,006 19 9	..
Rupanyup ..	2,567 16 2	2,650 7 1	117 3 5	364 12 2	..	(A) 16 2 0	..	2,899 9 3	..
Sea Lake ..	4,381 11 8	4,629 0 5	0 0 1	212 8 5	..	(A) 0 10 9	..	2,578 11 5	..
*Speed ..	449 17 2	662 5 6	0 0 11	328 17 5	352 18 10	(B) 2 2 0	498 8 2	307 14 3	..
*Tempy ..	325 13 0	654 9 6	0 0 10	..	..	..	..	2,492 0 4	..
Ultima ..	1,065 19 5	712 19 9	0 0 10	20 14 10	..	..	140 17 2	2,765 5 2	..
*Waitechie ..	47 5 8	68 0 6	..	7 7 1	172 19 3	(A) 2 12 7	805 1 5	..	1,003 8 8
*Waipup ..	676 0 0	683 5 6	0 1 7	..	..	..	..	..	244 19 5
Watchem ..	1,158 18 0	985 10 8	0 8 1	12 16 4	369 4 5	(B) 0 2 0	..	2,462 5 1	1,466 1 11
Woomelang ..	1,565 1 1	1,551 12 4	26 5 1	..	107 1 5	..	..	..	..
Woorinen ..	936 13 9	565 18 8	1 10 8	..	..	..	..	..	..
Wycheproof ..	4,326 12 2	4,132 11 3	86 19 6	363 13 8	..	..	..	..	..
*Yaapeet ..	309 10 2	673 3 5	0 0 5	..	..	..	..	..	..
System Totals ..	65,425 6 11	61,723 9 9	861 18 3	2,797 3 0	5,637 1 11	(A) 230 3 4	4,713 18 4	39,431 17 11	25,103 10 8

DISTRICT STATEMENTS—continued.

URBAN DISTRICTS—PROFIT AND LOSS ACCOUNTS—continued.

District.	1.	Net Revenue Assessment.	Expenditure.		Profit and Loss.		Appropriation.				
			Operating Cost, Interest and Depreciation.	Redemption Charged.	Loss, 1964-65.	Gain 1964-65.	Adjustments to Revenue of Former Years Including Amounts Written Off (A) Loss (B) Gain.	Interest and Other Losses before 1st July, 1938, Borne by State (Act No. 6413, Sec. 54).	Accumulated.		Gain as at 30th June, 1964.
									Loss Since 30th June, 1938.	9	
		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.	£ s. d.
<i>Miscellaneous.</i>											
Eildon	..	5,764 8 1	5,601 1 0	200 0 0	36 12 11	..	(A) 28 5 4	..	..	..	3,099 4 1
Heyfield	..	7,983 12 0	8,405 14 7	148 8 8	570 11 3	..	..	160 19 2	..	..	2,578 4 3
*Newstead	..	3,204 15 2	4,875 8 3	4 11 1	1,675 4 2	..	..	..	18,847 16 9	..	..
Wonthaggi	..	16,040 3 8	15,576 13 1	292 6 9	..	171 3 10	(A) 133 19 6	..	1,678 12 4	..	..
Miscellaneous Totals	..	32,992 18 11	34,458 16 11	645 6 6	2,282 8 4	171 3 10	(A) 162 4 10	160 19 2	20,526 9 1	5,677 8 4	
Grand Totals—Urban	..	850,956 14 2	773,519 0 10	22,570 13 8	14,864 0 1	69,730 19 9	(A) 1,607 14 8	27,012 15 2	85,928 16 4	435,242 13 7	

* The Districts marked thus 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 22nd December, 1964, under the provisions of Section 47, *Water Act* 1938, No. 6413.)

DISTRICT STATEMENTS—continued.

URBAN DISTRICTS—continued.
CASH ACCOUNTS FOR FINANCIAL YEAR 1964-65.

1.	District.	2.	Expenditure.				7.	8.	Accumulated.			11.
			Operating Costs.	Interest.	Depreciation.	Redemption.			Surplus Credited to District Account at 30th June, 1965.	Deficiency Chargeable to District Account at 30th June, 1965.	Deficiency Chargeable to State Account at 30th June, 1965.	
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
<i>Supplied from Bellarine Peninsula System</i>												
Anglesea ..	10,166 18 1	5,228 4 10	3,715 12 1	968 0 0	255 1 2	..	..	..	12,360 16 5	..	3,110 10 4	4
Barwon Heads — Ocean Grove ..	18,463 3 7	9,103 3 2	6,241 3 0	2,658 0 0	460 17 5	..	..	..	5,496 16 10	197 4 2	..	6
Birregurra ..	2,048 19 8	1,214 18 3	903 19 11	187 0 0	..	..	..	..	..	..	..	..
Drysdale ..	4,135 16 7	2,221 16 2	1,071 17 7	686 0 0	90 10 4	..	..	65 12 6	3,179 1 11	..	440 6 6	6
Indented Head — St. Leonards ..	8,456 13 9	3,094 17 6	4,650 7 11	1,531 0 0	..	..	..	..	404 11 6	..	..	..
Leopold ..	2,758 6 7	449 16 2	385 5 9	190 0 0	32 7 0	..	..	1,700 17 8	4,471 1 1	..	..	..
Portarlington ..	8,356 12 10	3,859 2 9	2,674 6 9	1,240 0 0	224 13 1	..	..	358 10 3	6,024 19 11	..	6,503 3 8	8
Queenscliff-Pt. Lonsdale ..	16,516 1 6	9,829 1 3	5,182 11 3	2,132 0 0	..	..	..	627 11 0	3,862 2 1	..	1,755 7 7	7
Torquay ..	7,436 7 0	3,886 1 2	1,964 2 0	720 0 0	167 10 4	..	..	698 13 6	11,014 13 8	..	..	..
System Totals ..	78,338 19 7	38,887 1 3	26,789 6 3	10,312 0 0	1,230 19 4	1,704 1 2	2,823 13 11	46,814 3 5	197 4 2	11,809 8 1	..	..
<i>Supplied from Mornington Peninsula System</i>												
Baxter-Pearcedale ..	3,406 9 3	1,220 4 0	1,656 6 6	679 0 0	..	149 1 3	..	..	154 1 5	..	1,556 7 3	3
Berwick ..	10,975 1 8	7,236 18 0	3,580 3 10	1,523 0 0	..	1,365 0 2	..	..	610 17 1	430 15 8	1,016 10 3	3
Bunyip ..	3,105 18 7	2,071 14 4	539 1 1	844 0 0	..	348 16 10	..	..	..	..	..	..
Carrum Downs ..	2,037 17 10	949 5 11	731 1 2	528 0 0	..	170 9 3	..	..	961 15 4	..	..	..
Cranbourne ..	6,237 3 11	2,564 1 1	2,245 11 6	1,080 0 0	188 14 0	..	..	158 17 4	2,260 3 3	..	538 9 1	1
Dandenong-Springvale ..	39,988 5 4	24,280 6 5	13,040 6 11	6,112 0 0	..	..	..	..	59,988 8 3	..	3,601 18 7	7
Dromana-Portsea ..	180,307 9 11	53,598 9 5	60,981 0 7	42,125 0 0	9,007 2 11	..	14,595 17 0	..	27,574 3 3	..	..	..
Frankston-Mornington ..	251,581 11 2	91,013 17 9	111,398 15 1	38,813 0 0	10,355 18 4	..	..	..	82,896 13 1	..	9,188 12 3	3
Garfield ..	2,723 12 3	1,121 9 11	964 14 2	622 0 0	15 8 2	..	..	..	1,442 19 7	..	602 8 1	1
Hampton Park ..	3,995 9 9	1,817 3 1	1,332 18 3	674 0 0	111 2 8	..	60 5 9	..	722 19 0	536 7 4	..	..
Longwarry ..	2,391 11 6	2,063 2 3	1,488 14 1	993 0 0	..	..	..	..	..	..	..	..
Narre Warren ..	3,389 8 0	1,639 2 3	..	1,340 0 0	..	..	..	..	..	..	..	..
Nar-Nar-Goon-Tynong ..	3,247 13 5	1,300 1 5	1,049 5 0	704 0 0	87 10 0	..	410 5 9	..	410 5 9	..	..	..
Officer ..	1,905 6 5	868 4 7	772 4 1	380 0 0	..	115 2 3	106 17 0	..	1,108 7 6	..	..	..
Pakenham ..	7,525 7 5	4,087 15 5	3,597 17 2	1,528 0 0	..	1,688 5 2	..	..	4,030 10 11	..	..	..
Westernport ..	17,772 0 7	7,555 12 3	6,214 17 10	4,248 0 0	..	246 9 6	..	..	1,236 12 6	..	2,806 6 2	2
System Totals ..	540,590 7 0	203,387 8 1	209,592 17 3	102,193 0 0	19,765 16 1	9,680 17 3	15,332 2 10	183,998 12 9	967 3 0	19,310 11 8	..	..
<i>Supplied from Otway System</i>												
*Allansford ..	4,816 1 10	3,960 16 7	734 12 7	697 0 0	..	576 7 4	..	..	..	373 4 3	4,440 1 7	7
Otway ..	45,442 7 9	29,183 13 2	9,069 15 1	3,643 0 0	1,258 2 1	..	2,287 17 5	474 6 11	..	..	224 14 7	7
System Totals ..	50,258 9 7	33,144 9 9	9,804 7 8	4,340 0 0	1,258 2 1	576 7 4	2,287 17 5	474 6 11	373 4 3	4,664 16 2	..	..

DISTRICT STATEMENTS—continued.

URBAN DISTRICTS—CASH ACCOUNTS—continued.

District.	Receipts.	Expenditure.				Surplus 1964-65.	Accumulated.			
		Operating Costs.	Interest.	Depreciation.	Redemption.		Surplus Credited to District Account at 30th June, 1965.	Deficiency Chargeable to District Account at 30th June, 1965.	Deficiency Chargeable to State Account at 30th June, 1965.	
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.
<i>Supplied from Goulburn Campaspe and Loddon Systems</i>										
*Corop ..	108 5 2	65 15 3	..	46 0 0	..	3 10 1	..	..	31 3 4	236 10 4
*Dingee ..	257 8 3	374 2 9	..	120 0 0	..	236 14 6	..	..	138 3 5	1,184 17 10
Gunbower ..	1,154 16 10	499 16 5	443 17 2	153 0 0	37 4 4	..	20 18 11	1,011 14 10	..	4,491 2 11
Koonbrook ..	2,749 8 9	2,050 15 6	153 6 7	210 0 0	12 15 7	..	322 11 1	3,525 18 11	..	389 9 9
Leitchville ..	1,458 15 4	1,104 4 7	273 14 8	191 0 0	..	110 3 11	..	995 11 4	..	..
Lockington ..	1,210 10 5	742 5 1	274 16 7	158 0 0	35 8 9	..	..	1,131 18 11	..	..
*Macorna ..	180 16 4	127 9 8	..	54 0 0	..	0 13 4	..	..	383 2 3	135 6 3
*Mitiamo ..	639 9 5	1,006 5 7	..	98 0 0	..	464 16 2	..	171 12 3	..	3,213 17 2
*Murrabit ..	239 5 8	523 12 10	385 5 2	121 0 0	..	405 7 2	195 6 6	2,389 3 8	497 8 3	5,856 19 10
Pyramid Hill ..	1,842 11 0	1,118 6 9	494 7 6	112 0 0	31 12 7	..	115 5 11	2,927 2 10	..	108 4 10
Stanhope ..	1,801 3 10	818 13 8	..	331 0 0	41 16 9	..	..	1,105 11 7	..	..
Tallygaroopna ..	477 13 3	301 12 0	122 15 6	59 0 0	..	5 14 3	..	..	..	..
System Totals ..	12,120 4 3	8,733 0 1	2,148 3 2	1,653 0 0	158 18 0	1,226 19 5	654 2 5	13,258 14 4	1,049 17 3	15,616 8 11
<i>Supplied from River Murray</i>										
Carwarp ..	64 1 5	57 5 3	9 10 10	10 0 0	0 4 10	12 14 8	158 12 7	..	290 7 5	381 9 3
Lake Boga ..	1,980 15 9	1,616 3 10	2 14 6	203 0 0	..	..	..	43 14 2	..	6,801 9 11
Merbein ..	5,718 12 1	4,102 7 9	1,091 7 3	659 0 0	..	134 2 11	..	5,507 17 3	..	510 10 1
Meringur ..	170 1 2	127 6 10	2 7	36 0 0	0 0 9	..	6 11 0	..	73 4 9	2,542 18 5
Nyah ..	1,042 16 8	594 12 1	..	99 0 0	..	..	349 4 7	..	75 16 3	812 12 0
Nyah West ..	2,298 16 11	1,241 16 6	304 3 2	117 0 0	25 16 6	..	610 0 9	131 9 2	..	1,558 5 6
Piangil ..	992 8 2	548 17 9	..	126 0 0	..	..	317 10 5	233 6 0	..	..
Red Cliffs ..	7,709 11 5	7,120 7 5	2,610 0 5	275 0 0	..	2,795 16 5	303 16 10	6,139 2 0	..	..
Robinvale ..	4,833 12 7	3,149 16 5	1,012 7 8	282 0 0	85 11 8	..	172 13 10	3,267 17 0	..	..
Werrimull ..	641 7 2	232 7 6	151 12 11	72 0 0	12 12 11	..	..	929 5 2	..	3,276 4 6
System Totals ..	25,452 3 4	18,791 1 4	5,181 19 4	2,379 0 0	124 6 8	2,942 14 0	1,918 10 0	16,252 10 9	439 8 5	15,883 9 8

DISTRICT STATEMENTS—continued.

URBAN DISTRICTS—CASH ACCOUNTS—continued.

District.	Receipts.	Expenditure.				Deficiency 1964-65.	Surplus 1964-65.	Accumulated.		
		Operating Costs.	Interest.	Depreciation.	Redemption.			Surplus Credited to District Account at 30th June, 1965.	Deficiency Chargeable to District Account at 30th June, 1965.	Deficiency Chargeable to State Account at 30th June, 1965.
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.
<i>Supplied from Wimmera Mallee System</i>										
Antwerp	167 16 7	130 6 11	11 8 0	14 0 0	0 13 6	34 13 11	11 8 2	16 7 4	..	119 12 8
Berrillock	947 14 8	743 17 6	187 11 1	51 0 0	28 15 7	..	277 19 3	1,047 1 9	2 0 7	326 13 0
Beulah	2,041 12 1	1,260 11 5	340 5 10	134 0 0	..	51 18 6	..	3,606 11 3	..	870 16 11
Birchip	3,555 17 11	2,862 3 7	600 12 10	145 0 0	..	263 1 11	..	..	1,064 3 2	4,380 19 8
*Brim	657 5 1	807 3 3	15 3 9	98 0 0	..	84 12 9	..	..	..	3,544 4 7
*Chillingollah	149 15 3	118 14 7	86 13 5	29 0 0	..	124 10 10	..	..	981 11 4	1,088 14 3
*Chinkapook	227 9 3	322 0 1	..	30 0 0	..	31 8 0	..	..	36 6 9	2,344 12 7
Culgoa	895 11 6	666 3 4	214 16 2	46 0 0	..	..	706 5 11	419 17 6	..	..
Dimboola	6,779 13 4	4,673 3 5	912 8 4	423 0 0	64 15 8	..	4 17 5	1,344 4 10	..	234 7 5
Dooen	116 13 0	69 12 5	20 8 3	20 0 0	1 14 11	..	13 12 0	224 0 10	..	1,563 5 7
Hopetoun	4,906 3 0	3,296 10 11	1,321 15 2	163 0 0	111 4 11	..	34 11 7	1,953 3 1	..	..
Jeparit	2,703 8 8	1,626 9 10	782 13 0	200 0 0	59 14 3	391 17 11	..	1,468 19 1	425 3 7	6,138 4 11
*Jung Jung	395 7 4	671 4 4	0 0 11	116 0 0	..	..	171 18 6	..	254 19 8	1,762 19 3
Laibert	599 1 9	330 2 4	4 7 7	92 0 0	0 13 4	..	41 6 4	..	174 12 2	1,713 14 1
*Lascelles	614 17 6	504 13 5	0 9 11	68 0 0	0 7 10	..	406 10 10	..	1,478 14 7	2,271 12 3
Manangatang	1,764 2 8	1,186 11 8	72 13 9	94 0 0	4 6 5	..	74 2 3	62 13 7	..	16 15 7
*Marnoo	746 15 0	457 10 10	92 1 11	99 0 0	24 0 0	..	206 9 3	619 19 6	2 4 10	961 19 7
Minyip	3,279 15 10	2,350 10 3	493 1 11	191 0 0	38 14 5	80 8 9	311 8 4	..	186 13 6	121 1 10
Nandaly	396 15 4	441 2 1	0 2 0	36 0 0	13 19 9	..	70 14 10	..	87 2 4	861 12 0
Natimuk	1,512 10 9	819 3 11	221 18 9	146 0 0	2 7 6	..	1,433 17 4	2,553 15 6	739 8 7	1,478 15 8
*Nullawil	436 11 9	308 2 0	12 7 5	43 0 0	77 5 4	..	..	..	47 19 2	2,286 11 4
Ouyen	7,872 8 11	4,828 5 3	917 1 0	616 0 0	..	339 2 5	..	..	..	134 1 5
*Pachewollock	545 8 11	830 10 5	0 0 11	54 0 0	..	13 18 4	..	604 8 1	..	400 8 11
Pimpinio	245 16 6	192 14 10	..	67 0 0	..	101 19 1	..	2,075 18 3	..	..
Quambatook	1,594 18 11	1,285 17 2	276 0 10	135 0 0	..	318 2 5	..	1,108 12 6	534 4 1	1,285 8 8
Rainbow	2,958 14 3	2,174 2 3	869 14 5	233 0 0	..	60 4 4	..	2,055 12 1	..	2,534 16 6
Rupanyup	2,590 2 9	1,902 1 6	559 5 7	189 0 0	..	223 15 9	250 10 11	..	267 2 0	2,995 0 10
Sea Lake	4,367 9 5	2,915 18 2	1,411 2 3	302 0 0	..	329 13 8	..	..	677 4 4	2,669 13 9
*Speed	438 9 9	583 5 0	0 0 6	79 0 0	..	21 8 6	..	..	671 6 2	1,926 0 3
*Tempy	324 15 10	555 19 2	0 10 4	98 0 0	0 1 8	..	..	..	1,501 14 2	2,622 7 5
Ultima	963 12 4	622 9 11	0 9 10	90 0 0	..	32 17 3	183 8 8	..	..	1,544 8 6
*Waiteie	46 12 0	48 0 6	..	20 0 0	..	..	..	..	..	1,171 19 8
*Walpeup	650 8 3	637 11 8	0 13 10	45 0 0	..	32 10 4	355 14 3	964 13 0	..	234 12 1
Watchem	1,169 7 5	895 2 6	5 8 2	85 0 0	0 8 1	..	11 15 0	198 2 6	219 4 8	1,709 7 0
Woomelang	1,519 2 0	1,108 16 4	308 16 0	134 0 0	..	..	..	2,501 4 6	..	2,295 11 1
Woorinen	923 3 7	487 16 8	26 2 0	52 0 0	1 10 8	381 12 0	4,566 10 10	22,826 11 10	9,351 15 8	53,610 9 3
Wycheproof	4,231 5 9	2,849 18 9	1,027 12 6	255 0 0	86 19 6	..	..	..	..	..
*Yaapeet	291 11 5	643 1 2	0 2 3	30 0 0	..	..	..	..	..	..
System Totals	63,628 6 3	46,207 9 4	10,794 0 5	4,722 0 0	517 13 4	3,179 7 8	4,566 10 10	22,826 11 10	9,351 15 8	53,610 9 3

DISTRICT STATEMENTS—continued.

URBAN DISTRICTS—continued.
BALANCE-SHEETS AS AT 30TH JUNE, 1965.

District.	Liabilities.						Assets.					
	Capital see Capital Accounts for Details.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Cash Account Deficiency.	Profit and Loss Account Gain.	Works at Cost.	Depreciation Account.	Sundry Debtors.	Cash Account 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.	
<i>Supplied from Bellarine Peninsula System.</i>												
Anglesea	139,726 19 6	1,871 4 9	6,799 13 6	72 13 10	..	11,185 6 0	141,539 14 10	6,799 13 6	2,066 3 2	9,250 6 1	..	
Barwon-Heads—Ocean Grove	238,393 7 0	3,603 15 10	14,368 5 2	29 0 9	..	10,391 8 8	241,937 5 4	14,368 5 2	4,983 10 2	5,496 16 10	..	
Birregurra	341 14 2	541 14 2	2,567 10 11	2 0 9	197 4 2	92 4 8	30,329 14 1	2,567 10 11	530 11 2	2,738 15 5	..	
Drysdale	44,350 5 3	567 7 3	5,902 2 8	12 7 0	..	4,800 18 11	44,917 12 8	5,902 2 8	2,074 10 6	2,738 15 5	..	
Indented Head—St. Leonards	182,831 4 8	801 1 3	4,340 0 0	3 10 7	..	1,380 4 7	183,243 14 8	4,340 0 0	1,367 14 11	404 11 1	..	
Leopold	13,926 15 9	124 4 1	622 16 6	35 13 6	478 3 9	4,762 2 1	14,050 19 10	622 16 6	326 14 6	4,471 1 1	..	
Portarlington	98,344 12 3	942 0 9	13,448 11 4	76 14 11	..	2,407 17 9	99,286 13 0	13,448 11 4	2,962 16 5	..	..
Queenscliff—Pt. Lonsdale	295,192 15 7	3,871 4 8	17,893 13 3	21 8 9	..	7,723 17 9	297,447 0 1	17,893 13 3	5,500 4 7	3,862 2 1	..	
Torquay	86,079 0 11	1,703 14 9	6,794 12 3	7 9 3	..	11,413 2 3	87,782 15 8	6,794 12 3	2,161 5 5	9,259 6 1	..	
System Totals	1,128,874 0 5	14,026 7 8	72,737 6 1	259 1 5	675 7 11	54,157 2 8	1,140,535 10 2	72,737 6 1	21,973 10 10	35,482 19 1	..	
<i>Supplied from Mornington Peninsula System.</i>												
Baxter—Pearcedale	66,465 17 5	194 11 4	1,138 5 6	232 10 3	945 10 2	866 6 3	66,522 5 5	1,138 5 6	1,082 18 5	154 1 5	..	
Berwick	162,887 2 0	1,706 19 9	11,640 3 3	6 0 5	1,447 5 11	325 8 10	164,294 6 8	11,640 3 3	1,576 14 11	..	..
Bunyip	70,907 4 0	481 13 1	4,193 19 6	2 13 0	..	1,711 11 0	71,116 9 3	4,193 19 6	706 19 8	961 15 4	..	
Carroll Downs	58,045 1 0	201 12 8	1,735 3 10	7 2 0	..	1,619 10 0	58,127 11 3	1,735 3 10	869 4 4	..	..
Cranebourne	121,041 9 5	815 5 10	5,056 19 4	4 2 4	..	66,269 9 11	121,856 15 3	5,056 19 4	11,035 8 0	1,721 14 2	..	
Dandenong—Springvale	443,961 2 1	25,778 14 0	99,955 5 9	253 9 0	..	70,541 0 9	468,591 10 8	99,955 5 9	43,220 6 6	56,386 9 8	..	
Dromana—Portsea	3,858,304 15 2	35,876 0 8	255,520 9 8	397 18 9	..	136,244 5 10	3,894,180 15 10	255,520 9 8	63,472 11 7	73,708 0 10	..	
Frankston—Mornington	4,344,258 5 10	61,415 19 9	262,069 3 5	2 10 7	..	1,281 3 4	4,405,135 17 9	262,069 3 5	506 10 5	840 11 6	..	
Garfield	50,162 11 3	403 13 11	2,657 5 10	10 6 7	..	1,452 8 6	50,500 9 5	2,657 5 10	739 16 1	722 19 0	..	
Hampton Park	69,895 6 10	136 2 8	1,985 14 10	39 17 5	..	500 3 9	70,031 9 6	1,985 14 10	1,566 4 2	410 5 9	..	
Longwarry	86,520 5 1	1,293 0 11	6,828 0 4	..	..	1,847 0 0	87,283 12 11	6,828 0 4	1,476 11 8	1,108 7 6	..
Narre Warren	37,161 15 7	112 10 0	1,338 0 0	..	..	1,769 1 1	37,161 15 7	1,338 0 0	660 14 1	600 15 10	..
Nar-Nar-Goon—Tynong	87,606 7 10	239 13 2	3,211 14 1	..	..	679 1 1	87,718 17 10	3,211 14 1	143 1 0	4,030 10 11	..
Officer	42,134 0 7	2,141 16 6	7,581 3 6	2 12 9	..	4,668 4 9	42,308 18 1	7,581 3 6	933 18 4	..	..
Pakenham	152,861 6 4	2,870 11 5	24,000 19 4	16 19 4	..	1,210 3 4	154,709 11 1	24,000 19 4	4,034 8 11	..	..
Westernport	392,687 18 1	..	..	..	..	..	394,320 16 11	..	..	..	..
System Totals	10,044,900 8 11	133,668 5 9	690,523 16 6	967 5 10	4,498 17 1	291,984 16 9	10,173,861 3 2	690,523 16 6	132,923 8 11	168,219 15 2	1,015 7 1	
<i>Supplied from Otway System.</i>												
*Allansford	54,986 10 3	355 19 8	3,879 19 3	6 3	4,813 5 10	..	55,160 1 7	3,879 19 3	397 15 1	..	4,598 5 4	
Noorat—Glenormiston	91,087 18 7	9,859 7 9	57,124 0 3	22 15 11	..	3,016 0 1	91,087 18 7	57,124 0 3	2,789 3 8	249 12 4	..	
Otway	400,013 4 10	..	..	..	..	..	409,872 12 7	..	..	..	..
System Totals	546,087 13 8	10,215 7 5	61,003 19 6	23 2 2	4,813 5 10	3,016 0 1	556,120 12 9	61,003 19 6	3,186 18 9	249 12 4	4,598 5 4	
<i>Supplied from Goulburn Campaspe and Loddon Systems.</i>												
*Corop	375 16 10	..	400 5 0	1 2	267 13 8	..	375 16 10	400 5 0	122 15 8	..	144 19 2	
*Dingee	3,543 12 5	128 0 9	1,075 0 1	4 2 0	1,323 1 3	1,248 16 0	3,543 12 5	1,075 0 1	241 3 2	1,011 14 10	1,323 1 3	
Gunbower	14,758 2 0	12 15 7	2,392 19 6	2 11 6	965 4 0	977 9 2	14,886 2 9	2,392 19 6	498 19 9	606 1 7	468 15 9	
Koonook	10,294 7 7	142 13 7	1,410 18 11	1 15 1	..	1,167 5 0	10,413 19 0	1,410 18 11	396 4 10	1,131 18 11	..	
Leitchville	9,939 17 3	178 4 10	998 7 11	4 8 0	..	..	10,071 8 7	998 7 11	86 7 7	..	..
Lockington	2,423 13 5	2,982 17 4	620 11 3	9 10	518 8 6	..	2,423 13 5	620 11 3	31 11 2	..	487 7 2	
*Macorna	4,885 2 1	..	609 16 8	..	3,042 4 11	..	4,885 2 1	609 16 8	104 9 0	..	..
*Mittiamo	4,198 18 9	399 3 2	1,132 5 0	1 0 0	6,354 8 1	..	4,198 18 9	1,132 5 0	15 12 1	2,389 3 8	2,937 15 11	
*Murrabit	13,853 6 5	297 15 4	1,887 19 0	4 16 5	..	2,679 7 5	14,252 9 7	1,887 19 0	295 0 2	2,818 18 0	6,339 16 0	
Pyramid Hill	17,855 15 5	75 11 3	3,430 0 11	182 12 8	..	2,722 5 1	18,153 10 9	3,430 0 11	85 19 9	..	..
Stanhope .. .. .	..	..	793 6 0	..	..	1,208 9 3	4,211 15 9	793 6 0	113 5 6	1,105 11 7	..
Tallygaroopna	4,146 12 4	..	..	..	..	..	..	..	..	..	..
System Totals	97,386 8 0	4,217 1 10	15,389 19 11	201 16 8	12,471 0 5	10,003 11 11	101,523 6 4	15,389 19 11	1,991 8 8	9,063 8 7	11,701 15 3	

DISTRICT STATEMENTS—continued.

URBAN DISTRICTS—BALANCE SHEETS—continued.

District.	Liabilities.						Assets.				
	Capital see Capital Accounts for Details.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Cash Account Deficiency.	Profit and Loss Account Gain.	Works at Cost.	Depreciation Account.	Sundry Debtors.	Cash Account 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.
<i>Supplied from River Murray.</i>											
Carwarup ..	635 19 0	15 11	329 1 8	12 10 0	671 16 8	446 7 11	635 19 0	329 1 8	1,119 0 6	..	6,273 12 11
Lake Boga ..	11,416 14 5	4 17 6	2,663 5 7	12 4 6	6,757 15 9	8,372 19 11	11,421 11 11	2,663 5 7	496 12 5	..	1,875 15 5
Merbein ..	40,359 9 10	1,078 4 0	6,891 18 0	..	2,616 3 2	..	41,348 17 8	6,891 18 0	3,476 13 5	4,997 7 2	762 4 4
Merungur ..	4,567 19 4	2 8 10	569 2 9	..	888 8 3	..	4,568 1 5	569 2 9	740 7 9	..	..
Nyah ..	3,637 7 6	2 8 10	1,728 11 3	..	..	..	3,639 16 4	1,728 11 3	126 3 11	131 9 2	..
Nyah West ..	11,328 5 5	217 19 10	2,611 0 4	4 6 0	1,324 19 6	405 4 9	11,546 5 3	2,611 0 4	278 1 7	..	779 12 2
Piangli ..	13,175 12 5	1,348 18 1	1,348 18 1	3 4 2	..	10,806 15 8	13,175 12 5	1,348 18 1	545 16 3	6,139 2 0	..
Red Cliffs ..	87,331 2 1	1,963 15 9	7,061 10 3	7 3 10	..	5,153 13 7	89,073 0 8	7,061 10 3	4,892 15 0	3,267 17 0	..
Robinvale ..	34,291 14 4	573 4 3	3,332 16 2	3 3 0	2,346 19 4	..	34,864 18 7	3,332 16 2	1,893 0 5	..	986 13 2
Werrimull ..	10,906 0 11	15 17 10	629 18 0	..	..	..	10,921 18 9	629 18 0	1,360 9 2	..	..
System Totals ..	217,650 5 3	3,857 6 0	27,166 2 1	40 0 5	14,606 2 8	25,185 1 10	221,196 2 0	27,166 2 1	14,929 0 10	14,535 15 4	10,677 18 0
<i>Supplied from Wimmera-Mallee System.</i>											
Antwerp ..	709 11 8	25 14 8	214 11 2	6 0 0	103 5 4	..	735 6 4	214 11 2	55 13 0	..	47 18 4
Berrillock ..	10,751 2 2	70 8 7	467 8 9	1 0 0	328 13 7	991 19 1	10,798 4 5	467 8 9	252 1 1	176 4 10	100 18 10
Beulah ..	23,576 16 7	197 11 10	1,840 10 11	1 8 9	774 8 5	137 11 10	23,774 8 5	1,840 10 11	815 16 9	..	..
Burcup ..	23,227 10 2	311 12 5	1,098 0 9	1 8 9	4,608 7 9	..	23,488 8 6	1,098 0 9	964 3 1	..	4,509 11 10
*Burm ..	14,300 16 0	58 11 11	411 10 7	4 2 4	2,070 5 7	..	14,340 15 11	411 10 7	117 7 11	..	451 0 5
*Chillingoliah ..	3,397 3 6	38 2 8	133 14 2	..	2,380 19 4	..	3,405 17 11	133 14 2	1,652 15 9	..	2,154 8 2
*Chinkapook ..	3,579 2 0	228 10 4	279 0 0	..	..	588 10 5	3,579 2 0	279 0 0	226 11 2	419 17 6	..
Culgoa ..	6,153 4 2	1,139 13 6	563 18 8	10 14 6	10 6 7	4,836 5 9	6,351 2 5	563 18 8	199 6 0	1,344 4 10	..
Dimboola ..	27,645 2 11	1,191 12 6	572 3 4	..	..	1,653 12 9	28,784 16 3	572 3 4	3,502 15 5	..	..
Doon ..	45,550 3 10	550 13 4	2,026 15 5	16 5	..	2,427 10 1	46,100 17 2	2,026 15 5	1,264 6 10	389 17 6	..
Hopetoun ..	33,513 12 9	750 6 8	1,782 9 3	11 7	..	..	34,263 19 6	1,782 9 3	959 7 5	1,468 19 1	..
Jeparit ..	9,279 16 8	40 12 11	464 7 10	..	6,563 8 6	..	9,279 16 8	464 7 10	90 2 7	..	6,473 6 7
*Jung Jung ..	7,398 5 1	6 9 3	572 12 0	1 2	2,017 18 11	..	7,438 18 0	572 12 0	294 14 3	..	1,723 5 10
*Lascelles ..	5,585 1 3	171 19 8	607 10 3	4 2 9	1,888 6 3	..	5,591 10 6	607 10 3	461 1 1	..	1,427 5 2
*Manangatang ..	22,251 17 8	162 0 1	2,246 7 10	13 10 0	3,750 6 10	124 1 3	22,423 6 1	2,246 7 10	207 6 5	45 18 0	3,547 3 2
*Mamoo ..	10,175 17 8	563 7 10	1,048 0 0	..	..	817 8 1	10,337 17 9	1,048 0 0	78 3 3	..	..
Minyip ..	15,623 7 8	322 1 4	480 10 10	..	964 4 5	..	16,186 15 6	480 10 10	210 18 7	619 19 6	833 19 9
Nandaly ..	2,667 17 6	3 1 4	1,783 1 1	..	302 15 4	65 0 7	2,667 18 6	1,783 1 1	130 5 0	..	925 5 2
Natimuk ..	7,614 7 5	52 14 8	578 6 5	4 0 0	948 14 4	1,925 1 1	7,936 10 3	578 6 5	853 14 5	1,074 19 10	2,161 14 5
*Nulawil ..	4,126 12 5	415 2 0	5,045 12 4	3 13 2	182 0 7	..	4,179 7 1	5,045 12 4	23 13 2	..	36 14 7
Ouyen ..	64,485 0 7	..	465 8 10	..	3,025 19 11	..	64,900 10 6	465 8 10	145 6 0	203 19 2	..
*Patchewollock ..	4,924 7 3	..	488 2 8	..	..	..	4,924 7 3	488 2 8	864 5 7	..	..
Pimpino ..	9,477 3 8	109 17 8	235 18 4	6 19 3	..	774 12 5	9,477 3 8	235 18 4	615 6 10	2,075 18 3	3,006 19 9
Quambatook ..	10,792 17 11	778 12 8	2,878 1 4	..	..	3,323 17 1	10,858 2 6	2,878 1 4	1,319 9 2	1,108 12 6	2,899 9 3
Rainbow ..	25,434 18 8	593 4 5	2,005 13 4	21 12 1	..	1,257 19 1	26,149 0 3	2,005 13 4	192 3 7	..	2,578 11 5
Rupanyup ..	24,821 6 0	584 1 7	2,101 4 4	17 4 0	3,069 0 7	1,672 5 0	25,371 13 5	2,101 4 4	1,040 17 1	770 3 5	2,492 0 4
Sea Lake ..	52,913 10 3	..	606 5 10	..	..	..	53,380 8 5	606 5 10	79 5 6	..	2,906 2 4
*Speed ..	4,019 3 11	18 9	1,015 8 11	..	3,262 2 10	..	4,019 3 11	1,015 8 11	363 1 5	..	..
*Tenny ..	5,782 4 3	..	956 13 0	..	3,346 18 1	..	5,782 15 8	956 13 0	768 6 8	..	3,006 19 9
Ultima ..	19,208 4 0	..	248 19 7	..	2,597 6 5	..	19,209 2 6	248 19 7	1,791 2 0	..	2,899 9 3
*Waichee ..	2,523 4 4	..	547 4 6	..	2,621 0 9	..	2,523 4 4	547 4 6	140 0 4	..	2,906 2 4
*Walpeup ..	7,642 13 7	7 10 1	1,378 4 6	..	3,046 2 8	..	7,650 2 1	1,378 4 6	441 13 0	..	..
Watchem ..	43 13 6	241 13 0	1,845 2 0	1 19 7	207 6 8	198 7 3	5,630 8 3	1,845 2 0	281 9 0	..	..
Woomelang ..	12,356 6 1	55 7 8	312 5 4	..	36 9 7	244 19 5	12,563 19 7	312 5 4	677 5 11	791 17 6	..
Wooramen ..	13,031 18 3	624 2 0	4,050 2 8	3 1 6	2,514 15 9	1,466 1 11	37,791 2 6	4,050 2 8	52 13 6	..	..
Wycheproof ..	37,167 0 6	6 3 19 6	1,001 13 11	..	..	..	2,354 3 0	1,001 13 11	21,641 9 5	10,490 11 11	2,462 5 1
*Yaapeet ..	2,350 6 4	..	..	..	..	..	..	..	52 13 6	..	..
System Totals ..	579,322 13 1	8,169 19 6	48,874 4 3	91 11 7	50,626 5 0	22,505 3 1	587,036 2 3	48,874 4 3	21,641 9 5	10,490 11 11	41,547 8 8

DISTRICT STATEMENTS—continued.

FLOOD PROTECTION AND DRAINAGE DISTRICTS—continued.
CASH ACCOUNTS FOR FINANCIAL YEAR 1964-65.

District.	Receipts.	Expenditure.				Deficiency 1964-65.	Surplus 1964-65.	Accumulated.		
		Operating Costs.	Interest.	Depreciation.	Redemption.			Surplus Credited to District Account at 30th June, 1965.	Deficiency Chargeable to District Account at 30th June, 1965.	Deficiency Chargeable to State Account at 30th June, 1965.
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.
FLOOD PROTECTION DISTRICTS.										
Kanyapella	117 9 6	118 17 5	..	3,193 0 0	..	1 7 11	218 2 10	651 7 5	6,770 12 9	69,382 7 2
Koo-Wee-Rup	41,256 0 5	37,844 17 7	..	..	..	272 11 5	..	1,760 1 9	..	477 2 2
Loch Garry	502 4 10	774 16 3	..	..	..	..	..	..	..	..
Totals	41,875 14 9	38,738 11 3	..	3,193 0 0	..	273 19 4	218 2 10	2,411 9 2	6,770 12 9	69,859 9 4
DRAINAGE DISTRICT.										
Carrum	22,274 10 11	16,736 5 7	6,448 19 8	873 0 0	..	1,783 14 4	..	14,905 5 5	..	..

BALANCE-SHEETS AS AT 30TH JUNE, 1965.

District.	Liabilities.					Assets.				
	Capital see Accounts for Details.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Cash Account Deficiency.	Profit and Loss Account Gain.	Works at Cost.	Depreciation Account.	Sundry Debtors.	Cash Account Surplus.
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.
FLOOD PROTECTION DISTRICTS.										
Kanyapella	3,893 11 0	64 4 2	17,559 4 5	0 0 2	76,152 19 11	659 17 0	3,957 15 2	17,559 4 5	8 9 9	651 7 5
Koo-Wee-Rup	931,806 12 2	5,959 3 9	..	2 11 4	..	1,407 3 10	931,806 12 2	..	15,989 8 8*	1,282 19 7
Loch Garry	20,410 12 9	..	..	..	..	..	26,369 16 6	..	124 4 3	..
Totals	956,110 15 11	6,023 7 11	17,559 4 5	2 11 6	76,152 19 11	2,067 0 10	962,134 3 10	17,559 4 5	16,122 2 8	1,934 7 0
DRAINAGE DISTRICT.										
Carrum	779,036 14 10	2,032 19 11	3,764 18 9	63 8 7	..	18,759 17 2	780,032 2 0	3,764 18 9	4,945 13 1	14,905 5 5

* Includes Capitalized Maintenance on Bridges—Koo-Wee-Rup £13,147.

DISTRICT STATEMENTS—continued.

SUMMARY OF PROFIT AND LOSS ACCOUNTS, 1964-65.

District.	Net Revenue Assessment.			Expenditure.			O.I.C. Subsidy Chargeable to Expenditure Borne by State Account.			Result of Operation 1964-65.						Appropriation.													
				Operating Costs Interest and Depreciation.			Redemption Charged.			Loss.			Gain.			Amount Transferred To Irrigation Districts Maintenance Equalization and Renewals Account.			Adjustments to Revenue of Former Years (A) Loss, (B) Gain.			Accumulated as at 30th June, 1965.							
																						Losses Borne by District Account.			Gains Credited to District Account.				
1.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.					
Plant Workshops	47,439	3	3	39,907	16	8	48	12	11	..	..	428	3	11	7,910	17	7	..	..	..	828,373	18	10	627	11	5	16,761	16	6
Coliban ..	248,145	16	4	262,924	3	10	733	1	10	..	..	15,864	2	4	352	13	0	..	..	..	557,818	17	11	..	..	..	..	..	..
Irrigation—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pumping	411,367	11	4	376,435	11	4	..	..	..	..	..	474	4	5	52,860	19	6	39,870	9	4	856,492	9	5	1,572	7	6	74,993	17	1
Gravitation	1,614,908	12	1	1,469,959	9	7	477	8	5	..	..	144,471	14	1	144,471	14	1	195,971	17	9	795,151	3	0	..	..	..	394,670	11	4
Waterworks	586,870	14	11	688,182	10	9	2,040	6	7	..	..	114,191	9	8	10,838	17	3	..	..	..	677,688	8	2	4,524	273	17	27,673	2	5
Urban ..	850,956	14	2	773,519	10	10	22,570	13	8	..	..	14,864	0	1	69,730	19	9	..	..	..	27,012	15	2	85,928	16	4	435,242	13	7
Flood Protection	42,557	19	10	43,161	11	3	..	..	..	..	..	603	11	5	..	..	..	..	..	..	63,630	8	6	..	..	..	5,531	6	9
Drainage ..	21,334	18	1	24,058	5	3	539	18	1	..	..	3,263	5	3	..	..	..	..	..	..	..	..	..	..	..	..	18,759	17	2
Totals	3,823,581	0	0	3,678,148	9	6	26,410	1	6	..	..	149,688	17	1	286,166	1	2	235,842	7	1	3,248,349	3	1	5,170,221	10	6	973,633	4	10

DISTRICTS WHICH WERE REQUIRED TO MEET ALL ANNUAL OPERATING COSTS.

Plant Workshops	47,439	3	3	39,907	16	8	48	12	11	..	..	428	3	11	7,910	17	7	..	..	..	627	11	5	16,761	16	6
Coliban ..	700	0	6	530	15	7	..	..	..	..	..	..	..	..	169	4	11	..	..	..	20	10	6	..	..
Irrigation—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pumping	364,038	18	11	311,177	19	5	477	8	5	52,860	19	6	39,870	9	4	(A)	110	16	10	74,993	17	1
Gravitation	1,614,908	12	1	1,469,959	9	7	1,314	6	3	144,471	14	1	195,971	17	9	(A)	1,916	11	4	394,670	11	4
Waterworks	255,177	3	11	260,855	15	6	22,489	17	8	..	..	17,831	15	1	10,838	17	3	..	..	..	176,117	1	10	27,673	2	5
Urban ..	835,388	0	1	753,209	15	9	..	..	..	..	..	9,796	7	7	69,484	14	3	..	..	..	23,555	6	11	435,118	12	4
Flood Protection	42,557	19	10	43,161	11	3	..	..	..	..	..	603	11	5	..	..	..	..	..	..	..	..	..	5,531	6	9
Drainage ..	21,334	18	1	24,058	5	3	539	18	1	..	..	3,263	5	3	..	..	..	..	..	..	..	..	..	18,759	17	2
Totals	3,181,544	16	8	2,902,861	9	0	24,870	3	4	31,923	3	3	285,736	7	7	235,842	7	1	(A)	3,945	2	7	973,509	3	7

DISTRICTS SUBSIDIZED OR SUPPLIED BY DIRECTION OF ORDER IN COUNCIL.

Plant Workshops	247,445	15	10	262,393	8	3	733	1	10	15,864	2	4	183	8	1	828,373	18	10	557,798	7	5	..
Coliban ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Irrigation—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pumping	47,328	12	5	65,257	11	11	474	4	5	334,824	19	8	1,572	7	6	..
Gravitation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Waterworks	331,693	1	0	427,326	15	3	726	0	4	96,359	14	7	636,812	8	4	4,348	156	15	6
Urban	15,568	14	1	20,309	5	1	80	16	0	5,067	12	6	246	5	6	2,075	0	9	62,373	9	5	124
Flood Protection	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Drainage ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
Totals	642,036	3	4	775,287	0	6	1,539	18	2	117,765	13	10	429	13	7	1,802,086	7	7	4,969,900	19	10	124
	..	..										..	..												1

DISTRICT STATEMENTS—continued.

SUMMARY OF CASH ACCOUNTS, 1964-65.

District.	Receipts.	Expenditure.				O.I.C. Subsidy Charged to Expenditure Borne by State Account	Result of Operations 1964-65.		Amount Transferred to Irrigation Districts Maintenance Equalization and Renewals Account.	Accumulated to 30th June, 1965.			
		Operating Costs.		Interest.	Depreciation.		Redemption.	Deficiency.		Surplus.	Surplus Credited to District Account.	Deficiency Charged to District Account.	Deficiency Charged to State Account.
		3.	4.	5.	6.		7.							8.	9.	10.	11.	12.	13.
1.	2.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
Plant Workshops	48,023 14 5	36,664 8 6	561 8 2	2,682 0 0	92 14 9	..	428 3 11	8,451 6 11	..	4,641 2 6	627 11 5	..	
Coliban ..	247,714 0 4	217,204 15 1	13,408 8 9	32,311 0 0	0 1 10	..	15,636 12 0	426 6 8	..	429 11 11	54,869 10 2	1,361,371 9 10	
Irrigation—													
Pumping	416,791 13 2	376,435 11 4	5,657 5 0	..	477 8 5	17,454 15 1	99 15 11	57,910 12 10	39,870 9 4	48,901 6 9	12,741 7 11	856,492 9 5	
Gravitation	1,551,671 12 10	1,464,302 4 7	26,334 13 9	35,865 0 0	..	..	110,590 14 2	81,234 14 10	195,971 17 9	81,234 14 10	529,245 8 3	795,151 3 0
Waterworks	588,143 10 5	625,982 17 0	272,051 2 8	130,138 0 0	23,432 2 1	..	21,793 6 0	10,551 13 10	..	36,331 16 4	13,446 16 8	4,693,798 3 6	
Urban ..	803,090 14 11	371,329 18 2	38,738 11 3	3,193 0 0	..	..	1,783 14 4	218 2 10	..	291,269 3 5	6,770 12 9	145,276 1 0
Flood Protection	41,875 14 9	38,738 11 3	..	873 0 0	..	..	..	..	..	2,411 9 2	..	69,859 9 4
Drainage ..	22,274 10 11	16,736 5 7	6,448 19 8	..	..	..	..	..	..	14,905 5 5	..	..
Totals	3,719,585 11 9	3,147,394 11 6	324,461 18 0	205,062 0 0	24,002 7 1	17,454 15 1	150,606 5 8	186,725 15 11	235,842 7 1	480,124 10 4	617,701 7 2	7,921,948 16 1	
DISTRICTS WHICH WERE REQUIRED TO MEET ALL ANNUAL OPERATING COSTS.													
Plant Workshops	48,023 14 5	36,664 8 6	561 8 2	2,682 0 0	92 14 9	..	428 3 11	8,451 6 11	..	4,641 2 6	627 11 5	236 2 10	
Coliban ..	713 10 8	403 15 7	..	127 0 0	..	..	..	182 15 1	..	198 15 4	..	..
Irrigation—													
Pumping	367,469 15 4	311,177 19 5	5,657 5 0	..	477 8 5	..	..	56,291 15 11	39,870 9 4	48,901 6 9	..	521,667 9 9
Gravitation	1,551,671 12 10	1,464,302 4 7	16,340 13 11	..	..	..	..	81,234 14 10	195,971 17 9	81,234 14 10	..	795,151 3 0
Waterworks	265,121 12 7	230,134 1 7	271,026 3 3	14,381 0 0	23,405 6 9	..	6,285 16 9	10,551 13 10	..	33,575 8 1	136,332 6 1	293,510 7 9	
Urban ..	788,272 3 4	354,245 12 6	38,738 11 3	127,938 0 0	..	..	16,089 13 9	27,746 14 7	..	291,033 10 11	5,755 6 5	81,940 2 7
Flood Protection	41,875 14 9	38,738 11 3	..	3,193 0 0	..	..	1,783 14 4	218 2 10	..	2,411 9 2	6,770 12 9	69,859 9 4
Drainage ..	22,274 10 11	16,736 5 7	6,448 19 8	873 0 0	..	..	..	..	..	14,905 5 5	..	..
Totals	3,085,422 14 10	2,452,402 19 0	300,034 10 0	149,194 0 0	23,975 9 11	..	24,861 8 1	184,677 4 0	235,842 7 1	476,901 13 0	149,485 16 8	1,762,364 15 3	
DISTRICTS SUBSIDIZED OR SUPPLIED BY DIRECTION OF GOVERNOR IN COUNCIL.													
Plant Workshops	247,000 9 8	216,800 19 6	13,408 8 9	32,184 0 0	0 1 10	..	15,636 12 0	243 11 7	..	230 16 7	54,869 10 2	1,361,135 7 0	
Coliban ..	49,321 17 10	65,257 11 11	..	..	..	17,454 15 1	99 15 11	1,618 16 11	..	..	12,741 7 11	334,824 19 8
Irrigation—													
Pumping	323,021 17 10	395,848 15 5	9,993 19 10	21,484 0 0	26 15 4	..	104,304 17 5	..	..	2,756 8 3	392,913 2 2	4,400,287 15 9
Gravitation	14,818 11 7	17,084 5 8	1,024 19 5	2,200 0 0	..	..	5,703 12 3	186 3 5	..	235 12 6	7,691 10 3	63,335 18 5
Waterworks	..	..	..	..	..	..	..	..	..	..	..	..
Urban ..	..	..	..	..	..	..	..	..	..	..	..	..
Flood Protection	..	..	..	..	..	..	..	..	..	..	..	..
Drainage ..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	634,162 16 11	694,991 12 6	24,427 8 0	55,868 0 0	26 17 2	17,454 15 1	125,744 17 7	2,048 11 11	..	3,222 17 4	468,215 10 6	6,159,584 0 10	

DISTRICT STATEMENTS—continued.

SUMMARY OF DISTRICT BALANCE-SHEETS AS AT 30TH JUNE, 1965.

District.	Liabilities.						Assets.					
	Capital.	Redemption Account.	(A) Depreciation Reserve Account, (B) Irrigation Districts Maintenance Equalization and Renewals Reserve Account.	Sundry Creditors.	Cash Account Deficiency.	Profit and Loss Account Gain.	Works at Cost.	(A) Depreciation Account, (B) Irrigation Districts Maintenance Equalization and Renewals Account.	Sundry Debtors.	Cash Account Surplus.	Profit and Loss Account. Loss.	
	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	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	273,656 10 4	838 10 6	(A) 42,744 13 6	1,447 17 5	15 5 2	16,149 10 3	274,495 0 10	(A) 42,744 13 6	12,120 14 0	4,028 16 3	15 5 2	
Coliban	4,682,545 15 11	21,186 12 11	(A) 180,547 13 1	1,447 17 5	1,415,811 8 1	..	4,687,541 4 4	(A) 180,547 13 1	47,257 13 3	..	1,386,192 16 9	
Irrigation—												
Pumping	4,009,891 11 10	54 19 10	(B) 62,964 5 2	234 7 3	820,332 10 7	23,490 18 6	4,009,946 11 8	(B) 62,964 5 2	37,495 18 0	11,646 6 11	783,070 19 10	
Gravitation	70,212,948 4 4	28,989 12 0	(B) 139,746 5 11	3,834 14 5	725,362 15 1	25,763 19 9	70,241,937 16 4	(B) 139,746 5 11	317,270 10 11	28,059 11 11	423,971 10 2	
Waterworks	9,814,273 18 9	45,503 14 7	(A) 334,880 14 10	510 1 8	5,214,771 7 4	412,368 5 6	9,847,458 4 3	(A) 334,880 14 10	25,252 3 1	242,755 8 3	5,200,053 2 10	
Urban	12,915,371 7 6	179,727 5 8	(A) 962,192 12 8	1,617 1 6	110,209 2 6	2,067 0 10	13,086,568 1 9	(A) 962,192 12 8	199,902 14 2	1,934 7 0	90,067 3 5	
Flood Protection	956,110 15 11	6,023 7 11	(A) 17,559 4 5	2 11 6	76,152 19 11	18,759 17 2	962,134 5 10	(A) 17,559 4 5	16,122 2 8	1,934 7 0	60,166 2 7	
Drainage	779,036 14 10	2,032 19 11	(A) 3,764 18 9	63 8 7	..	..	780,032 2 0	(A) 3,764 18 9	4,955 13 1	14,905 5 5	..
Totals	103,643,834 19 5	284,357 3 4	(A) 1,541,689 17 3	7,710 7 3	8,362,855 8 8	498,599 12 0	103,890,113 5 0	(A) 1,541,689 17 3	660,377 9 2	303,329 15 9	7,943,537 0 9	
			(B) 202,710 11 1					(B) 202,710 11 1				

DISTRICTS WHICH WERE REQUIRED TO MEET ALL ANNUAL OPERATING COSTS.

	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	273,656 10 4	838 10 6	42,744 13 6	1,447 17 5	15 5 2	16,149 10 3	274,495 0 10	42,744 13 6	12,120 14 0	4,028 16 3	15 5 2
Coliban	7,520 7 5	..	(A) 1,187 18 3	..	77 7 6	..	7,520 7 5	(A) 1,187 18 3	16 17 0	..	20 10 6
Irrigation—											
Pumping	3,444,358 16 4	28,989 12 0	(B) 62,253 0 9	101 11 0	472,766 3 0	23,490 18 6	3,444,358 16 4	(B) 62,253 0 9	26,194 1 4	11,646 6 11	446,673 12 8
Gravitation	70,212,948 4 4	33,497 18 0	(B) 139,746 5 11	3,834 14 5	725,362 15 1	25,763 19 9	70,241,937 16 4	(B) 139,746 5 11	317,270 10 11	28,059 11 11	423,971 10 2
Waterworks	3,549,314 12 3	175,869 18 0	(A) 104,674 1 5	1,353 18 4	228,526 17 8	412,368 5 6	3,976,259 4 6	(A) 104,674 1 5	13,894 16 11	242,709 10 3	215,083 19 0
Urban	12,815,171 7 2	179,707 5 8	(A) 941,566 1 3	1,353 18 4	33,371 8 4	2,067 0 10	12,914,565 0 6	(A) 941,566 1 3	193,051 0 3	1,934 7 0	25,618 13 3
Flood Protection	956,110 15 11	6,023 7 11	(A) 17,559 4 5	2 11 6	76,152 19 11	18,759 17 2	9,621,34 3 10	(A) 17,559 4 5	16,122 2 8	14,905 5 5	60,166 2 7
Drainage	779,036 14 10	2,032 19 11	(A) 3,764 18 9	63 8 7	..	..	780,032 2 0	(A) 3,764 18 9	4,955 13 1	..	..
Totals	92,369,930 18 10	247,182 4 3	(A) 1,111,496 17 7	5,940 8 6	1,538,232 16 8	498,475 10 9	92,601,302 11 9	(A) 1,111,496 17 7	583,625 16 2	303,283 17 9	1,171,549 13 4
			(B) 201,999 6 8					(B) 201,999 6 8			

DISTRICTS SUBSIDIZED OR SUPPLIED BY DIRECTION OF GOVERNOR IN COUNCIL.

	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	4,675,025 8 6	21,186 12 11	(A) 179,359 14 10	1,447 17 5	1,415,774 0 7	..	4,680,020 16 11	(A) 179,359 14 10	47,240 16 3	..	1,386,172 6 3
Coliban	565,532 15 6	54 19 10	(B) 711 4 5	132 16 3	347,566 7 7	..	565,587 15 4	(B) 711 4 5	11,301 16 8	..	336,397 7 2
Irrigation—											
Pumping	5,864,839 6 6	12,075 16 7	(A) 230,206 13 5	165 17 0	4,990,444 9 8	..	5,871,198 19 9	(A) 230,206 13 5	11,357 6 2	..	4,984,969 3 10
Gravitation	168,306 10 1	3,857 9 9	(A) 20,626 11 5	23 8 1	70,837 14 2	124 1 3	172,003 1 3	(A) 20,626 11 5	6,851 13 11	45 18 0	64,448 10 2
Waterworks	..	..	..	..	..	..	..	..	..	..	..
Urban	..	..	..	..	..	..	..	..	..	..	..
Flood Protection	..	..	..	..	..	..	..	..	..	..	..
Drainage	..	..	..	..	..	..	..	..	..	..	..
Totals	11,273,904 0 7	37,174 19 1	(A) 430,192 19 8	1,769 18 9	6,824,622 12 0	124 1 3	11,288,810 13 3	(A) 430,192 19 8	76,751 13 0	45 18 0	6,771,987 7 5
			(B) 711 4 5					(B) 711 4 5			

Net Revenue Assessment	Expenditure		Profit and Loss		Adjustments to Revenue of former years including Amounts Written off (A) Loss (B) Gain	Appropriation		
	Operating Costs, Interest and Depreciation	Redemption Charged	Loss 1964-65	Gain 1964-65		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 1965
1.	2.	3.	4.	5.	6.	7.	8	9.
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
7,394 11 3	6,873 7 9	466 15 3	..	54 8 3	(A) 31 16 0	..	279 14 2	..

Receipts.	Expenditure.				Surplus 1964-65.	Accumulated as at 30th June, 1965.			
	Operating Costs.	Interest.	Depreciation.	Redemption.		Deficiency 1964-65.	Surplus Credited to District Account.	Deficiency Chargeable to State Account.	
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.	£ s. d.
7,417 8 7	3,708 15 0	2,166 12 9	998 0 0	466 15 3	..	77 5 7	..	786 9 1	..

Liabilities.					Assets.					
Capital. See Capital Account for Details.	Redemption Account.	Depreciation Reserve Account.	Sundry Creditors.	Cash Account Deficiency.	Profit and Loss Account. Gain.	Works at Cost.	Depreciation Account.	Sundry Debtors.	Cash Account Surplus	Profit and Loss Account. Loss.
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.	£ s. d.
100,430 8 2	3,369 11 10	7,532 6 8	13 19 4	786 9 1	..	103,800 0 0	7,532 6 8	520 14 3	..	279 14 2

IRRIGATION DISTRICTS MAINTENANCE EQUALIZATION AND RENEWALS ACCOUNT, 1964-65.

DISTRICT.	Balance at 1st July, 1964.	Capitalized Maintenance Paid Direct to Account 1964-65.	Cash Surpluses Transferred to Account 1964-65.	TOTAL.	Expenditure 1964-65.	Balance at 30th June, 1965.
1.	2.	3.	4.	5.	6.	7.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Bacchus Marsh	12,811 12 5	..	5,377 19 9	18,189 12 2	12,927 7 9	5,262 4 5
Campaspe	957 1 5	..	574 11 0	1,531 12 5	..	1,531 12 5
Goulburn-Murray	173,410 17 11	2,009 18 6	176,262 11 3	351,683 7 8	286,738 16 2	64,944 11 6
Macalister	57,089 8 1	182 15 7	10,454 9 0	67,726 12 8	12,804 5 4	54,922 7 4
Merbein	771 19 4	..	9,659 5 4	10,431 4 8	5,795 6 0	4,635 18 8
Nyah	711 4 5	..	..	711 4 5	..	711 4 5
Red Cliffs	2,497 4 4	..	..	2,497 4 4	..	2,497 4 4
Robinvale	25,416 1 5	..	30,211 4 0	55,627 5 5	507 7 8	55,119 17 9
Tresco	Cr. 161 14 8	..	..	Cr. 161 14 8	Dr. 161 14 8	..
Werribee	10,386 0 11	69 0 0	3,302 6 9	13,757 7 8	671 17 5	13,085 10 3
TOTALS	283,889 15 7	2,261 14 1	235,842 7 1	521,993 16 9	319,283 5 8	202,710 11 1*

* Reconciled with Treasury balance.

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS, 1964-65.

DISTRICT.	Balance at 1st July, 1964.	Amount Paid into Account 1964-65.	Interest 1964-65.	TOTAL.	Expenditure 1964-65.	Balance in Account at 30th June, 1965.
1.	2.	3.	4.	5.	6.	7.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
WATERWORKS DISTRICTS.						
Axe Creek	124 0 0	124 0 0	3 2 0	251 2 0	..	251 2 0
Bellarine Peninsula	Cr. 8,664 3 3	1,794 0 0	Cr. 216 12 1	Cr. 7,086 15 4	..	Cr. 7,086 15 4
East Loddon	624 17 0	..	15 12 5	640 9 5	..	640 9 5
Harcourt	1,330 9 4	831 0 0	33 5 3	2,194 14 7	..	2,194 14 7
Kerang-North-West Lakes	237 17 8	..	5 18 11	243 16 7	..	243 16 7
Mallee	6,716 16 3	512 0 0	167 18 5	7,396 14 8	..	7,396 14 8
Millewa	85,592 16 5	7,177 0 0	2,139 16 5	94,909 12 10	..	94,909 12 10
Mornington Peninsula	60,678 14 6	9,148 0 0	1,516 19 4	71,343 13 10	..	71,343 13 10
Normanville	6,164 5 7	396 0 0	154 2 2	6,714 7 9	..	6,714 7 9
Northern Mallee	17,357 14 2	*1,475 0 0	433 18 10	19,266 13 0	..	19,266 13 0
Otway	93,080 0 2	10,589 0 0	2,327 0 0	105,996 0 2	..	105,996 0 2
Tyntynder North	2,384 0 9	194 0 0	59 12 0	2,637 12 9	..	2,637 12 9
Upper Wimmera	724 15 2	22 0 0	13 17 10	760 13 0	..	760 13 0
Werribee	19 16 8	..	9 11	20 6 7	..	20 6 7
West Loddon	1,206 11 10	..	30 3 4	1,236 15 2	..	1,236 15 2
Wimmera	28,199 11 4	1,898 0 0	703 3 1	30,800 14 5	..	30,800 14 5
Totals	295,778 3 7	34,160 0 0	7,388 7 10	337,326 11 5	..	337,326 11 5
URBAN DISTRICTS.						
Allansford	3,136 11 0	665 0 0	78 8 3	3,879 19 3	..	3,879 19 3
Anglesea	5,709 18 6	947 0 0	142 15 0	6,799 13 6	..	6,799 13 6
Antwerp	195 15 9	14 0 0	4 15 5	214 11 2	..	214 11 2
Barwon Heads—Ocean Grove	11,474 8 0	2,607 0 0	286 17 2	14,368 5 2	..	14,368 5 2
Baxter—Pearcedale	451 0 0	676 0 0	11 5 6	1,138 5 6	..	1,138 5 6
Berriwillock	406 5 7	51 0 0	10 3 2	467 8 9	..	467 8 9
Berwick	10,163 0 3	1,507 0 0	247 3 0	11,917 3 3	277 0 0	11,640 3 3
Beulah	1,664 18 5	134 0 0	41 12 6	1,840 10 11	..	1,840 10 11
Birchip	929 15 10	145 0 0	23 4 11	1,098 0 9	..	1,098 0 9
Birregurra	2,328 6 9	181 0 0	58 4 2	2,567 10 11	..	2,567 10 11
Brim	305 17 8	98 0 0	7 12 11	411 10 7	..	411 10 7
Bunyip	3,274 2 5	838 0 0	81 17 1	4,193 19 6	..	4,193 19 6
Carrum Downs	1,180 13 6	525 0 0	29 10 4	1,735 3 10	..	1,735 3 10
Carwarp	312 9 8	10 0 0	6 12 0	329 1 8	..	329 1 8
Chillingollah	102 3 1	29 0 0	2 11 1	133 14 2	..	133 14 2
Chinkapook	242 18 6	30 0 0	6 1 6	279 0 0	..	279 0 0
Coliban	141,580 5 5	30,299 0 0	3,536 5 7	175,415 11 0	129 0 0	175,286 11 0
Corop	345 12 2	46 0 0	8 12 10	400 5 0	..	400 5 0
Cranbourne	3,905 15 0	1,071 0 0	97 4 4	5,073 19 4	17 0 0	5,056 19 4
Culgoa	505 6 0	46 0 0	12 12 8	563 18 8	..	563 18 8
Dandenong—Springvale	91,624 13 5	6,040 0 0	2,290 12 4	99,955 5 9	..	99,955 5 9
Dimboola	5,108 8 6	423 0 0	120 8 5	5,651 16 11	291 11 6	5,360 5 5
Dingee	931 14 3	120 0 0	23 5 10	1,075 0 1	..	1,075 0 1
Dooen	538 14 0	20 0 0	13 9 4	572 3 4	..	572 3 4
Dromana—Portsea	208,404 7 6	41,906 0 0	5,210 2 2	255,520 9 8	..	255,520 9 8
Drysdale	5,124 12 4	674 0 0	127 10 4	5,926 2 8	24 0 0	5,902 2 8
Eildon	10,256 4 0	1,174 0 0	256 8 1	11,686 12 1	..	11,686 12 1
Elphinstone	1,036 19 9	125 0 0	25 18 6	1,187 18 3	..	1,187 18 3
Frankston—Mornington	218,406 1 10	38,452 0 0	5,454 1 7	262,312 3 5	243 0 0	262,069 3 5
Garfield	1,990 10 7	617 0 0	49 15 3	2,657 5 10	..	2,657 5 10
Gunbower	473 12 10	153 0 0	11 16 10	638 9 8	..	638 9 8
Hampton Park	1,285 12 0	668 0 0	32 2 10	1,985 14 10	..	1,985 14 10
Heyfield	6,346 3 11	624 0 0	157 18 1	7,128 2 0	30 0 0	7,098 2 0
Hopetoun	1,831 6 3	163 0 0	45 9 2	2,039 15 5	13 0 0	2,026 15 5

WATER SUPPLY WORKS DEPRECIATION ACCOUNTS, 1964-65—continued.

DISTRICT.	Balance at 1st July, 1964.	Amount Paid into Account 1964-65.	Interest 1964-65.	TOTAL.	Expenditure 1964-65.	Balance in Account at 30th June, 1965.
1.	2.	3.	4.	5.	6.	7.
URBAN DISTRICTS—continued.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Indented Head—St. Leonards	2,758 1 0	1,513 0 0	68 19 0	4,340 0 0	..	4,340 0 0
Jeparit	1,543 17 4	200 0 0	38 11 11	1,782 9 3	..	1,782 9 3
Jung Jung	1,019 8 6	116 0 0	25 9 8	1,160 18 2	..	1,160 18 2
Koondrook	2,229 15 11	210 0 0	53 4 10	2,493 0 9	100 1 3	2,392 19 6
Lake Boga	2,400 5 5	203 0 0	60 0 2	2,663 5 7	..	2,663 5 7
Lalbert	363 6 2	92 0 0	9 1 8	464 7 10	..	464 7 10
Lascelles	492 5 10	68 0 0	12 6 2	572 12 0	..	572 12 0
Leitchville	1,190 3 10	191 0 0	29 15 1	1,410 18 11	..	1,410 18 11
Leopold	424 4 5	188 0 0	10 12 1	622 16 6	..	622 16 6
Lockington	819 18 0	158 0 0	20 9 11	998 7 11	..	998 7 11
Longwarry	5,700 10 1	985 0 0	142 10 3	6,828 0 4	..	6,828 0 4
Macorna	552 14 11	54 0 0	13 16 4	620 11 3	..	620 11 3
Manangatang	500 19 9	94 0 0	12 10 6	607 10 3	..	607 10 3
Marnoo	2,095 0 4	99 0 0	52 7 6	2,246 7 10	..	2,246 7 10
Marong	1,443 5 7	148 0 0	36 1 8	1,627 7 3	..	1,627 7 3
Merbein	6,080 17 7	659 0 0	152 0 5	6,891 18 0	..	6,891 18 0
Meringur	520 2 8	36 0 0	13 0 1	569 2 9	..	569 2 9
Minyip	1,100 10 8	191 0 0	20 18 1	1,312 8 9	264 8 9	1,048 0 0
Mitiamo	499 7 0	98 0 0	12 9 8	609 16 8	..	609 16 8
Murrabit	986 11 8	121 0 0	24 13 4	1,132 5 0	..	1,132 5 0
Nandaly	433 14 0	36 0 0	10 16 10	480 10 10	..	480 10 10
Nar Nar Goon—Tynong	2,452 7 11	698 0 0	61 6 2	3,211 14 1	..	3,211 14 1
Narre Warren .. .. .	..	1,338 0 0	..	1,338 0 0	..	1,338 0 0
Natimuk	1,657 16 8	146 0 0	39 18 7	1,843 15 3	60 14 2	1,783 1 1
Newstead	3,313 6 9	245 0 0	82 16 8	3,641 3 5	..	3,641 3 5
Nullawil	522 5 3	43 0 0	13 1 2	578 6 5	..	578 6 5
Nyah	1,589 16 4	99 0 0	39 14 11	1,728 11 3	..	1,728 11 3
Nyah West	2,433 3 9	117 0 0	60 16 7	2,611 0 4	..	2,611 0 4
Officer	1,203 6 8	378 0 0	30 1 8	1,611 8 4	..	1,611 8 4
Otway	52,362 18 9	3,452 0 0	1,309 1 6	57,124 0 3	..	57,124 0 3
Ouyen	4,321 11 6	616 0 0	108 0 10	5,045 12 4	..	5,045 12 4
Pakenham	5,920 3 5	1,513 0 0	148 0 1	7,581 3 6	..	7,581 3 6
Patchewollock	401 8 2	54 0 0	10 0 8	465 8 10	..	465 8 10
Piangil	1,193 1 6	126 0 0	29 16 7	1,348 18 1	..	1,348 18 1
Pimpinio	410 17 3	67 0 0	10 5 5	488 2 8	..	488 2 8
Portarlington	11,930 6 2	1,220 0 0	298 5 2	13,448 11 4	..	13,448 11 4
Pyramid Hill	1,732 12 8	112 0 0	43 6 4	1,887 19 0	..	1,887 19 0
Quambatook	130 9 1	135 0 0	2 9 3	267 18 4	32 0 0	235 18 4
Queenscliff—Pt. Lonsdale	15,383 13 1	2,080 0 0	385 14 0	17,849 7 1	Cr. 44 6 8	17,893 13 9
Rainbow	2,580 11 1	233 0 0	64 10 3	2,878 1 4	..	2,878 1 4
Red Cliffs	6,133 3 8	775 0 0	153 6 7	7,061 10 3	..	7,061 10 3
Robinvale	2,976 8 0	282 0 0	74 8 2	3,332 16 2	..	3,332 16 2
Rupanyup	1,772 7 2	189 0 0	44 6 2	2,005 13 4	..	2,005 13 4
Sea Lake	1,865 6 3	302 0 0	43 17 8	2,211 3 11	109 19 7	2,101 4 4
Speed	514 8 7	79 0 0	12 17 3	606 5 10	..	606 5 10
Stanhope	3,023 9 2	331 0 0	75 11 9	3,430 0 11	..	3,430 0 11
Tallygaroopna	716 7 10	59 0 0	17 18 2	793 6 0	..	793 6 0
Tempy	895 1 5	98 0 0	22 7 6	1,015 8 11	..	1,015 8 11
Torquay	5,949 17 4	696 0 0	148 14 11	6,794 12 3	..	6,794 12 3
Ultima	845 10 3	90 0 0	21 2 9	956 13 0	..	956 13 0
Waitchie	223 7 11	20 0 0	5 11 8	248 19 7	..	248 19 7
Walpeup	489 19 6	45 0 0	12 5 0	547 4 6	..	547 4 6
Watchem	1,261 13 8	85 0 0	31 10 10	1,378 4 6	..	1,378 4 6
Werrimull	675 5 5	72 0 0	13 12 2	760 17 7	130 19 7	629 18 0
Westernport	19,295 11 6	4,223 0 0	482 7 10	24,000 19 4	..	24,000 19 4
Wonthaggi	21,133 19 10	2,409 0 0	528 7 0	24,071 6 10	..	24,071 6 10
Woomelang	1,669 7 4	134 0 0	41 14 8	1,845 2 0	..	1,845 2 0
Woorinen	253 18 4	52 0 0	6 7 0	312 5 4	..	312 5 4
Wycheproof	3,702 11 5	255 0 0	92 11 3	4,050 2 8	..	4,050 2 8
Yaapect	947 19 11	30 0 0	23 14 0	1,001 13 11	..	1,001 13 11
Totals	958,614 15 10	159,436 0 0	23,922 1 6	1,141,972 17 4	1,678 8 2	1,140,294 9 2
FLOOD PROTECTION DISTRICT.						
Koo-Wee-Rup	14,413 0 0	3,065 0 0	353 10 4	17,831 10 4	272 5 11	17,559 4 5
DRAINAGE DISTRICT.						
Carrum	2,854 11 6	839 0 0	71 7 3	3,764 18 9	..	3,764 18 9
SEWERAGE DISTRICT.						
Eildon	6,374 19 2	998 0 0	159 7 6	7,532 6 8	..	7,532 6 8
BUILDINGS.						
Buildings	38,744 18 10	5,250 0 0	968 10 4	44,963 9 2	4 4 0	44,959 5 2
PLANT WORKSHOPS.						
Bendigo	36,255 11 11	2,400 0 0	906 7 10	39,561 19 9	..	39,561 19 9
Kerang	2,452 11 4	232 0 0	61 6 3	2,745 17 7	..	2,745 17 7
Tatura	377 7 6	50 0 0	9 8 8	436 16 2	..	436 16 2
Totals	39,085 10 9	2,682 0 0	977 2 9	42,744 13 6	..	42,744 13 6
GRAND TOTALS	1,355,865 19 8	*206,430 0 0	33,840 7 6	1,596,136 7 2	1,954 18 1	1,594,181 9 1

* Includes direct contribution of £370 (Northern Mallee Waterworks District).

RECONCILIATION OF WATER SUPPLY WORKS DEPRECIATION ACCOUNT WITH THE
WATER SUPPLY WORKS DEPRECIATION FUND.

Water Supply Works Depreciation Account.

	£	s.	d.	£	s.	d.
Balance from 30th June, 1964 ..				1,355,865	19	8
Paid into account 1964-65 ..	206,060	0	0			
Paid direct to Fund 1964-65 ..	370	0	0			
Interest credited 1964-65 ..	33,840	7	6			
				<u>240,270</u>	<u>7</u>	<u>6</u>
				1,596,136	7	2
Less Expenditure 1964-65 ..				1,954	18	1

Water Supply Works Depreciation Fund.

	£	s.	d.	£	s.	d.
Credit balance as at 30th June, 1964 ..	1,584	18	1			
Investments redeemed 1964-65 ..	..				
Paid by Commission direct to Fund 1964-65 ..	370	0	0			
Amount transferred to Fund by Treasury 1964-65 ..	..				
Interest earned on Investment Account 1964-65 ..	..				
				<u>1,954</u>	<u>18</u>	<u>1</u>

£ s. d.

Less—

Expenditure 1964-65 ..	1,954	18	1
Amount Invested by Treasury 1964-65 ..	..	
	<u>1,954</u>	<u>18</u>	<u>1</u>

Credit Balance as at 30th June, 1965 ..	..	
Amount at Credit of Sundry Investment Account ..	..	
Contributions credited to Account in Commission's books—not credited to Fund in Treasury at 30th June, 1964 ..	1,208,615	14	9

Add Contributions paid to Revenue 1964-65 ..	206,060	0	0
	<u>1,414,675</u>	<u>14</u>	<u>9</u>

Less Amount transferred to Fund by Treasury 1964-65 ..	..	
	<u>1,414,675</u>	<u>14</u>	<u>9</u>

£ s. d.

Add Total Interest credited to Account in Commission books at 30th June, 1965 ..	251,255	0	2
--	---------	---	---

Less Amount credited to Fund by Treasury at 30th June, 1965 ..	71,749	5	10
	<u>179,505</u>	<u>14</u>	<u>4</u>

Amounts not credited to Fund by Treasury at 30th June, 1965 ..	1,594,181	9	1
	<u>1,594,181</u>	<u>9</u>	<u>1</u>

1,594,181 9 1

WATER SUPPLY PLANT AND MACHINERY ACCOUNT (Act 6413)

SUMMARY OF CAPITAL TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1965

	£	s.	d.	£	s.	d.
Plant and Machinery—						
Debit balance in account as at 30th June, 1964	1,611,034	10	11
<i>Add—</i>						
Purchase of Plant from Loan Funds during year 1964–65	98,196	2	5
				<u>1,709,230</u>	<u>13</u>	<u>4</u>
<i>Deduct—</i>						
Redemption paid to Treasury, 30th June, 1965	4,144	4	6
Repayments to State Loans Repayment Fund	4,635	0	10
				<u>8,779</u>	<u>5</u>	<u>4</u>
Total Capital Liability	<u>1,700,451</u>	<u>8</u>	<u>0</u>

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

Plant and Machinery—						
Payments to 30th June, 1964 .. ..	..	..	..	746,745	2	2
Amount due and paid for year 1964–65 .. ..	..	..	..	49,730	14	1
				<u>796,475</u>	<u>16</u>	<u>3</u>

SUMMARY OF OPERATING TRANSACTIONS FOR YEAR ENDED 30TH JUNE, 1965

	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Balance as at 1st July, 1964				395,017	7	9	Interest due for year paid to Revenue No. 2 to 30th June, 1965			49,730	14	1
Amount charged for moneys authorized for carrying out Construction and Maintenance of Commission's Works on which Plant and Machinery were engaged with respect to Capital Liability of £1,700,451 8s. as at 30th June, 1965							Redemption paid to Revenue No. 9 Miscellaneous to 30th June, 1965			4,144	4	6
Interest	74,237	12	0				Water Supply Plant and Machinery Depreciation Fund (Investment in Treasury)	293,953	7	10		
Redemption	6,186	9	4				Interest on Funds Investment	42,437	10	0		
Depreciation	293,953	7	10							336,390	17	10
Cost of Operation and Maintenance and Repairs, etc.	417,890	2	2				Cost of operations, Maintenance and Repairs etc. Plant and Machinery Operating Account Reserve as at 30th June, 1965			432,090	0	5
				792,267	11	4				407,366	12	3
Interest—Depreciation Fund Investments				42,437	10	0						
				1,229,722	9	1				1,229,722	9	1

RECONCILIATION OF WATER SUPPLY PLANT AND MACHINERY DEPRECIATION
ACCOUNT WITH WATER SUPPLY PLANT AND MACHINERY FUND.

Water Supply Plant and Machinery Depreciation Account				Water Supply Plant and Machinery Depreciation Fund (In Treasury)						
	£	s.	d.	£	s.	d.	£	s.	d.	
<i>Credit</i>										
Balance as at 30th June, 1964			1,158,775	9	9			280,775	9	9
<i>Add</i>										
Proceeds from Hire of Plant			293,953	7	10		293,953	7	10	
Treasury Interest credited for year ended 1964-65			42,437	10	0		42,437	10	0	
			1,495,166	7	7			336,390	17	10
<i>Less</i>										
Expenditure for replacement of Plant	697,688	7	6				697,688	7	6	
Less proceeds from Sale of Plant	112,296	17	1				112,296	17	1	
			585,391	10	5			585,391	10	5
			909,774	17	2			31,774	17	2
								878,000	0	0
								909,774	17	2

Water Supply Plant and Machinery Depreciation Fund (In Treasury)				Water Supply Plant and Machinery Depreciation Fund (In Treasury)						
	£	s.	d.	£	s.	d.	£	s.	d.	
<i>Balance as per Treasury General Account as at 30th June, 1964</i>								280,775	9	9
<i>Payments to Fund during 1964-65</i>	293,953	7	10							
<i>Interest credited by Treasury on Investment for year 1964-65</i>	42,437	10	0							
								336,390	17	10
								617,166	7	7
<i>Less</i>										
<i>Expenditure for replacement of Plant</i>	697,688	7	6				697,688	7	6	
<i>Less proceeds from Sale of Plant</i>	112,296	17	1				112,296	17	1	
								585,391	10	5
<i>Balance as per Treasury "General Account" as at 30th June, 1965</i>								31,774	17	2
<i>Amount invested in Treasury Investment Account</i>								878,000	0	0
								909,774	17	2

CAPITAL EXPENDITURE

CAPITAL EXPENDITURE ON WORKS OF COUNTRY WATER SUPPLY AS AT 30TH JUNE, 1965. RECONCILIATION STATEMENTS.

(A) LOAN

Net Loan Capital as per Annual Report

	£	s.	d.	£	s.	d.
Total Loan Expenditure	158,796,256	13	2			
<i>Add—</i>						
Discount and Expenses <i>Less</i> Premiums Country Water Supply	2,829,327	12	3			
Loan Expenditure Geelong Works	441,152	1	8	3,270,479	13	11
				162,066,736	7	1
<i>Less—</i>						
Redemption—						
State Loans Repayment Fund, &c.,	6,217,975	19	5			
Paid to Consolidated Revenue	1,436,391	7	2	7,654,367	6	7
				154,412,369	0	6
Less Loan Funds Credited to Irrigation Districts Maintenance Equalization and Renewals Account				537,335	4	7
Net Loan Capital as per Annual Report	153,875,033	15	11			

(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	2,860,747	0	0

STATEMENT OF CAPITAL EXPENDITURE ON WORKS OF COUNTRY SEWERAGE AUTHORITIES

	£	s.	d.	£	s.	d.
Expenditure as at 30th June, 1957, Act 5746 (Sewerage Act)	1,113,357	6	5			
Expenditure as at 30th June, 1964, Water Supply Loan Application Act	4,072,393	0	11			
<i>Expenditure 1964–65—</i>						
Act 7056	110,094	4	5			
Act 7218	411,875	14	5			
Treasurer's Advance Pending Loan	82,861	0	2	604,830	19	0
Totals as at 30th June, 1965	5,790,581	6	4			
Expenditure at Debit of Authorities Act 5746 (Sewerage Act)	1,024,805	3	8			
Expenditure at Debit of Authorities Water Supply Loan Application Act	3,089,515	15	7	4,114,320	19	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	1,587,708	4	4	1,676,260	7	1
				5,790,581	6	4

EILDON SEWERAGE DISTRICT

Amounts transferred from Country Sewerage Authorities	103,800	0	0
Less Redemption paid to Consolidated Revenue	3,369	11	10
	100,430	8	2
Expenditure at Debit of District	71,870	8	2
Expenditure Borne by the State Account	28,560	0	0
	100,430	8	2

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

CAPITAL EXPENDITURE, 1964-1965.		£	s.	d.	£	s.	d.	£	s.	d.
Expenditure during the year on Capital Works of Water Supply—										
From Ordinary Loan Funds								8,665,324	12	1
Loan Capital Liability—										
Net Loan Liability of State for Works of Country Water Supply at 30th June, 1965								139,894,372	17	3
Less Loan Funds credited to IDMER Account								537,335	4	7
								139,357,037	12	8
Represented by—										
Works at Debit of Authorities—										
Commission Districts		11,178,352	7	6						
Water Supply Plant and Machinery Account		1,700,451	8	0						
Plant Workshops		17,160	2	2						
Waterworks Trusts and Local Governing Bodies		13,851,393	3	9						
River Improvements		244,498	5	8						
Latrobe Valley		5,488,945	18	2						
					32,480,801	5	3			
Capital Expenditure Borne by the State—										
Capital Works and Charges		9,737,268	7	2						
State Works of Water Supply		1,280,451	5	7						
Headworks and Distributary Works		102,002,371	5	10						
Waterworks Trusts and Local Governing Bodies		6,330,552	4	10						
Free Grants to Local Authorities in early years		142,356	4	11						
River Improvement Trusts		1,826,660	1	1						
Latrobe Valley		74,573	1	3						
					121,394,232	10	8			
Net Loan Capital Liability of Commission's Districts and Works under Control of the Commission								153,875,033	15	11
Less Amount from National Debt Sinking Fund, being the difference between redemption recoup contributions paid by Districts, Waterworks Trusts, &c. (£1,436,391 7s. 2d.) and the amount (£15,954,387 10s. 5d.) contributed from Consolidated Revenue to the National Debt Sinking Fund "Finance", 1964-65								14,517,996	3	3
Net Liability Country Water Supply Capital Account in Treasury								139,357,037	12	8
								139,357,037	12	8
INTEREST AND EXCHANGE.										
The Total Interest on the Loan Liability for 1964-65 is								6,643,957	3	4
To which is to be added—										
Exchange payable on Overseas Interest								230,900	13	5
Loan Conversion Expenses								4,350	19	10
								6,879,208	16	7
Interest Debitable to—										
Works at Debit of Authorities—										
Commissions Districts					324,461	18	0			
Trusts					575,605	0	3			
Water Supply Plant and Machinery Account					49,730	14	1			
								949,797	12	4
Capital Expenditure Borne by the State—										
Capital Works and Charges					378,272	2	6			
State Works of Water Supply					49,966	12	0			
Headworks and Distributary Works not Debited to Districts					4,244,917	11	0			
Waterworks Trusts and Local Governing Bodies					1,015,448	3	4			
Free Grants to Local Authorities in early years					5,555	2	2			
								5,694,159	11	0
								6,643,957	3	4
Exchange £230,900 13s. 5d. and Loan Conversion Expenses, £4,350 19s. 10d. not apportioned								235,251	13	3
								6,879,208	16	7

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, 1965.

Year ended 30th June.	Expenditure under Water Supply Loans Application Act.		Capital Expenditure by Commission from Unemployment Relief Funds.		Capital Expenditure under Water Loans Application Acts and from Unemployment Relief Funds.	
	During Year.	Progressive Total at Close of Year.	During Year.	Progressive Total at Close of Year.	During Year.	Progressive Total at Close of Year.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1906-1957(a)		95,091,806 15 4		2,860,747 0 0		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
1963	7,964,242 10 0	140,708,096 19 5		2,860,747 0 0	7,964,242 10 0	143,568,843 19 5
1964	8,248,454 8 5	148,956,551 7 10		2,860,747 0 0	8,248,454 8 5	151,817,298 7 10
1965	8,665,324 12 1	157,621,875 19 11		2,860,747 0 0	8,665,324 12 1	160,482,622 19 11

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.

CAPITAL EXPENDITURE—continued.

STATEMENT OF MONEYS EXPENDED UNDER WATER SUPPLY LOAN ACTS FOR THE YEAR ENDED 30TH JUNE, 1965.

Works.	Water Supply Loan Funds.					
	Act 7056.		Act 7218.		Total.	
	£	s. d.	£	s. d.	£	s. d.
Main Supply Works, Stores, and Workshops						
Advance Lands Compensation Payments			27,738	17 0	27,738	17 0
Bellarine Peninsula Headworks	8,677	13 4	55,334	3 8	64,011	17 0
Buffalo Reservoir	98,309	15 2	1,223,862	16 7	1,322,172	11 9
Bulk Storeyard—South Melbourne						
Cairn Curran Reservoir	2,501	1 0	9,345	7 1	11,846	8 1
Central Highlands Development Project	244	16 3	391	6 2	636	2 5
Commission Buildings	19,815	7 1	25,520	9 8	45,335	16 9
Commission Workshops						
East Goulburn Main Channel	3,041	13 2	677	0 0	3,718	13 2
Eildon Reservoir	117	19 6	270	16 0	388	15 6
Eppalock Reservoir	48,384	8 11	27,980	13 3	76,365	2 2
Glenmaggie Weir	11	10 0	123	12 11	135	2 11
Goulburn Weir	106	4 3	4,637	18 1	4,744	2 4
Goulburn System Enlargement	28,795	2 8	30,059	14 3	58,854	16 11
Irrigation Research	5,420	9 11	4,898	1 3	10,318	11 2
Hepburns Lagoon	8	9 6	4	10 0	12	19 6
Hydrology Investigations			13,352	12 6	13,352	12 6
Lake Bellfield Reservoir	473,217	9 6	630,058	14 10	1,103,276	4 4
Lake Corangamite Drainage Project	10,485	13 1	5,644	9 8	16,130	2 9
Little Murray Weir	32	8 4	386	0 8	418	9 0
Loddon River Works			624	4 9	624	4 9
Maffra Weir						
Melton Reservoir			260	12 0	260	12 0
Mornington Peninsula Headworks	112,738	3 11	131,378	1 2	244,116	5 1
Otway System Headworks	14,046	2 6	25,242	17 0	39,288	19 6
Plant and Machinery	60,447	7 11	37,748	14 6	98,196	2 5
Pykes Creek Reservoir			1,557	1 6	1,557	1 6
Recreational Facilities at Headworks	5,705	8 4	28,837	10 2	34,542	18 6
River Improvements	3	10 0			3	10 0
River Murray Agreement Works	95,000	0 0	100,000	0 0	195,000	0 0
Rocklands Storage and Outlet Channel			576	15 10	576	15 10
Stuart Murray Canal	1,129	0 6	44,173	10 6	45,302	11 0
Surveys and Investigations	38,952	14 1	131,460	17 6	170,413	11 7
Tallangatta Township Removal	53	16 0	58	7 6	112	3 6
Tarago Reservoir	17,771	19 7	41,673	14 2	59,445	13 9
Toolondo Reservoir	5	0 0	1	0 0	6	0 0
Torrumbarry System	8,635	9 8	16,923	19 2	25,559	8 10
Tullaroop Reservoir			Cr. 267	5 10	Cr. 267	5 10
Waranga Reservoir Enlargement						
Waranga Western Main Channel	113,426	14 3	Cr. 32,366	10 1	81,060	4 2
Werribee Research Station	14	18 0	239	5 6	254	3 6
Wimmera Main Channels	10,184	11 4	24,919	19 4	35,104	10 8
Wimmera Storages	3	2 4			3	2 4
*Works Depreciation Fund (Coliban)			3,541	12 6	3,541	12 6
*Works Depreciation Fund (Mornington—Peninsula)	296	0 0	30	0 0	326	0 0
*Works Depreciation Fund (Wimmera—Mallee)	131	10 0	2,905	2 10	3,036	12 10
*Works Depreciation Fund (other)	229	3 3	2,562	19 1	2,792	2 4
Total	1,177,944	13 4	2,622,369	12 8	3,800,314	6 0
* Expenditure financed from Loan Funds as no funds remain in Water Supply Works Depreciation Fund—see p. 58						
Irrigation Districts.						
Bacchus Marsh	1,055	14 6	1,502	5 4	2,557	19 10
Campaspe	61,551	5 2	99,597	0 7	161,148	5 9
Goulburn-Murray	713,735	13 9	786,747	2 6	1,500,482	16 3
Macalister	59,040	15 10	67,888	19 0	126,929	14 10
Merbein	9,489	9 10	16,066	11 6	25,556	1 4
Nyah	8,468	12 1	20,606	11 9	29,075	3 10
Red Cliffs	7,115	13 5	25,309	17 4	32,425	10 9
Robinvale	582	5 1	239	10 6	821	15 7
Tresco	1,790	6 4	773	14 0	2,564	0 4
Werribee	9,089	12 0	3,441	9 2	12,531	1 2
Total	871,919	8 0	1,022,173	1 8	1,894,092	9 8
Coliban System						
Axe Creek	4	10 0		10 0	5	0 0
Coliban	77,255	17 6	148,378	15 6	225,634	13 0
Elphinstone		10 0				10 0
Harcourt	29	3 9	3	0 0	32	3 9
Marong		12 0				12 0
Total	77,290	13 3	148,382	5 6	225,672	18 9

CAPITAL EXPENDITURE—*continued.*

Works.							Water Supply Loan Funds.		
							Act 7056.	Act 7218.	Total.
							£ s. d.	£ s. d.	£ s. d.
<u>Waterworks Districts</u>									
Bellarine Peninsula	..	..	..	..	..	..	50 18 6	580 19 9	631 18 3
Mornington Peninsula	..	..	..	..	..	..	1,472 1 2	470 0 9	1,942 1 11
Otway	..	..	..	..	..	..	1,117 5 4	780 19 6	1,898 4 10
Supplied from Goulburn, Campaspe and Loddon Systems—									
East Loddon	..	..	..	..	..	..	87 1 9	1,550 8 2	1,637 9 11
Normanville	..	..	..	..	..	..	30 7 0	558 15 11	589 2 11
West Loddon	..	..	..	..	..	..	11 15 0	173 3 3	184 18 3
System Total	..	..	..	..	..	..	129 3 9	2,282 7 4	2,411 11 1
Supplied from River Murray System—									
Millewa	..	..	..	..	..	..	..	..	..
Tyntynder North	..	..	..	..	..	..	..	..	..
System Total	..	..	..	..	..	..	..	..	..
Supplied from Wimmera-Mallee System—									
Mallee	..	..	..	..	..	..	2,442 0 8	2,278 3 9	4,720 4 5
Northern Mallee	..	..	..	..	..	..	589 7 3	717 6 3	1,306 13 6
Upper Wimmera	..	..	..	..	..	..	1,756 7 7	1,392 7 0	3,148 14 7
Wimmera	..	..	..	..	..	..	13,179 8 4	10,309 14 8	23,489 3 0
System Total	..	..	..	..	..	..	17,967 3 10	14,697 11 8	32,664 15 6
<u>Miscellaneous.—</u>									
Kerang-North West Lakes	..	..	..	..	..	..	3 0 0	..	3 0 0
Werribee	..	..	..	..	..	..	..	12 10 3	12 10 3
Miscellaneous Total	..	..	..	..	..	..	3 0 0	12 10 3	15 10 3
Grand Total	..	..	..	..	..	..	20,739 12 7	18,824 9 3	39,564 1 10
<u>Urban Districts</u>									
Supplied from Bellarine Peninsula System—									
Anglesea	..	..	..	..	..	..	1,089 4 1	10,874 4 8	11,963 8 9
Barwon Heads—Ocean Grove	..	..	..	..	..	..	2,646 6 10	13,282 19 9	15,929 6 7
Birregurra	..	..	..	..	..	..	6 16 7	8 7 6	15 4 1
Drysdale	..	..	..	..	..	..	1,206 5 0	498 3 4	1,704 8 4
Indented Head—St. Leonards	..	..	..	..	..	..	693 11 5	4,022 2 10	4,715 14 3
Leopold	..	..	..	..	..	..	107 13 6	132 16 7	240 10 1
Portarlington	..	..	..	..	..	..	1,516 11 9	544 1 10	2,060 13 7
Queenscliff—Pt. Lonsdale	..	..	..	..	..	..	20,826 14 5	15,297 11 8	36,124 6 1
Torquay	..	..	..	..	..	..	2,312 0 7	16,980 18 10	19,292 19 5
System Total	..	..	..	..	..	..	30,405 4 2	61,641 7 0	92,046 11 2
Supplied from Goulburn, Compaspe and Loddon Systems—									
Corop	..	..	..	..	..	..	..	..	..
Dingee	..	..	..	..	..	..	15 11 7	2 0 0	17 11 7
Gunbower	..	..	..	..	..	..	..	..	..
Koondrook	..	..	..	..	..	..	258 12 11	643 6 1	901 19 0
Leitchville	..	..	..	..	..	..	..	1,154 7 7	1,154 7 7
Lockington	..	..	..	..	..	..	..	814 5 9	814 5 9
Macorna	..	..	..	..	..	..	..	..	..
Mitiamo	..	..	..	..	..	..	..	327 15 7	327 15 7
Murrabit	..	..	..	..	..	..	276 18 8	1,055 1 6	1,332 0 2
Pyramid Hill	..	..	..	..	..	..	97 0 4	432 18 2	529 18 6
Stanhope	..	..	..	..	..	..	451 14 4	45 0 0	496 14 4
Tallygaroopna	..	..	..	..	..	..	..	..	..
System Total	..	..	..	..	..	..	1,099 17 10	4,474 14 8	5,574 12 6
Supplied from River Murray System—									
Carwarp	..	..	..	..	..	..	..	..	..
Lake Boga	..	..	..	..	..	..	30 17 7	248 19 1	279 16 8
Merbein	..	..	..	..	..	..	2,438 16 3	293 9 6	2,732 5 9
Meringur	..	..	..	..	..	..	..	..	..
Nyah	..	..	..	..	..	..	12 10 1	1 0 0	13 10 1
Nyah West	..	..	..	..	..	..	24 15 7	88 15 5	113 11 0
Piangil	..	..	..	..	..	..	204 6 11	2,809 19 6	3,014 6 5
Red Cliffs	..	..	..	..	..	..	38 15 0	108 14 1	147 9 1
Robinvale	..	..	..	..	..	..	72 19 8	314 15 1	387 14 9
Werrimull	..	..	..	..	..	..	..	810 10 9	810 10 9
System Total	..	..	..	..	..	..	2,823 1 1	4,676 3 5	7,499 4 6

CAPITAL EXPENDITURE—continued.

Works.	Water Supply Loan Funds.					
	Act 7056.		Act 7218.		Total.	
	£	s. d.	£	s. d.	£	s. d.
Urban Districts—continued.						
Supplied from Mornington Peninsula System—						
Baxter-Pearcedale	72	2 0	45	10 8	117	12 8
Berwick	7,283	6 11	12,971	18 1	20,255	5 0
Bunyip	71	7 5	12	3 8	83	11 1
Carrum Downs	63	11 1	84	0 4	147	11 5
Cranbourne	4,078	12 1	3,397	7 1	7,475	19 2
Dandenong-Springvale	2,212	2 4	1,252	17 5	3,464	19 9
Dromana-Portsea	66,388	12 6	62,799	2 7	129,187	15 1
Frankston-Mornington	116,923	17 8	175,801	13 2	292,725	10 10
Garfield	352	0 8	59	5 5	411	6 1
Hampton Park	219	4 5	712	0 4	931	4 9
Longwarry	6	0 7	149	3 6	155	4 1
Nar Nar Goon-Tynong	2	0 0	2	15 0	4	15 0
Narre Warren	166	5 2	119	3 4	285	8 6
Officer	28	8 11	29	12 5	58	1 4
Pakenham	125	8 10	6,084	17 8	6,210	6 6
Westernport	13,085	19 9	6,456	18 2	19,542	17 11
System Total	211,079	0 4	269,978	8 10	481,057	9 2
Supplied from Otway System—						
Allansford	60	0 4	49	10 4	109	10 8
Otway	709	10 5	1,027	14 9	1,737	5 2
Noorat-Glenormiston	24,594	13 2	16,013	5 6	40,607	18 8
System Total	25,364	3 11	17,090	10 7	42,454	14 6
Supplied from Wimmera-Mallee System—						
Antwerp	Cr. 67	19 3	1,296	7 6	1,228	8 3
Berriwillock .. .. .	..	..	187	0 0	187	0 0
Beulah	38	6 0	1,565	2 7	1,603	8 7
Birchip	708	9 9	192	15 1	901	4 10
Brim .. .. .	..	..	..	..	..	..
Chillingollah .. .. .	..	..	54	8 6	54	8 6
Chinkapook	Cr. 12	10 1	2,118	8 9	2,105	18 8
Culgoa .. .. .	..	..	..	..	..	..
Dimboola	312	14 1	112	7 4	425	1 5
Dooen	748	15 3	2,112	0 0	2,860	15 3
Hopetoun .. .. .	..	..	248	14 0	248	14 0
Jeparit .. .. .	..	..	13	0 0	13	0 0
Jung Jung	8,284	18 10	2,206	12 9	10,491	11 7
Lalbert	907	2 8	3,943	1 6	4,850	4 2
Lascelles	32	15 0	401	0 8	433	15 8
Manangatang .. .. .	..	..	..	..	..	..
Marnoo	34	14 11	481	19 10	516	14 9
Minyip	4	9 9	..	..	4	9 9
Nandaly	668	9 0	2,718	6 2	3,386	15 2
Natimuk .. .. .	..	..	56	5 0	56	5 0
Nullawil	544	15 7	1,646	6 3	2,191	1 10
Ouyen	645	5 0	438	18 1	1,084	3 1
Patchewollock .. .. .	..	..	154	0 0	154	0 0
Pimpinio	4,137	16 2	3,935	1 2	8,072	17 4
Quambatook	89	2 7	1,148	11 0	1,148	8 5
Rainbow	89	13 8	66	15 10	156	9 6
Rupanyup	1,221	19 7	1,789	3 3	3,011	2 10
Sea Lake	1,563	9 11	990	3 2	2,553	13 1
Speed .. .. .	..	..	..	..	..	..
Tempy	2,323	5 6	1,232	14 8	3,556	0 2
Ultima	1	1 8	67	19 0	69	0 8
Waitchie	384	10 2	627	0 6	1,011	10 8
Walpeup	200	0 0	2,094	5 10	2,294	5 10
Watchem	166	12 5	1,812	8 8	1,979	1 1
Woomelang .. .. .	..	..	..	..	..	..
Woorinen .. .. .	..	..	..	..	..	..
Wycheproof .. .. .	..	..	..	..	..	..
Yaapeet .. .. .	..	..	..	..	..	..
System Total	22,938	13 0	33,710	17 1	56,649	10 1
Miscellaneous—						
Eildon	1,099	17 6	5,716	10 10	6,816	8 4
Heyfield .. .. .	..	..	..	..	..	..
Newstead .. .. .	..	..	11,276	14 6	11,276	14 6
Strathfieldsaye	37	0 8	39	14 6	76	15 2
Wonthaggi .. .. .	..	..	..	..	..	..
Miscellaneous Total	1,136	18 2	17,032	19 10	18,169	18 0
Grand Total—Urban Districts	294,846	18 6	408,605	1 5	703,451	19 11

CAPITAL EXPENDITURE—*continued.*

Works.	Water Supply Loan Funds.					
	Act 7056.		Act 7218.		Total.	
	£	s. d.	£	s. d.	£	s. d.
<u>Drainage District.</u>						
Carrum	19,353	18 7	53,501	17 11	72,855	16 6
Total	19,353	18 7	53,501	17 11	72,855	16 6
<u>Flood Protection Districts</u>						
Koo-Wee-Rup	6,018	2 6	15,871	14 11	21,889	17 5
Lock Garry	4	0 0	..	..	4	0 0
Total	6,022	2 6	15,871	14 11	21,893	17 5
<u>Works Under General Supervision</u>						
Waterworks Trusts and Local Governing Bodies	327,500	2 6	1,027,671	18 10	1,355,172	1 4
River Improvement Trusts	39,074	4 3	180,925	15 9	220,000	0 0
Latrobe Valley	180,759	12 9	151,547	7 11	332,307	0 8
Total	547,333	19 6	1,360,145	2 6	1,907,479	2 0
Grand Total	3,015,451	6 3	5,649,873	5 10	8,665,324	12 1

SUMMARY.

	£	s. d.
Ordinary Loan Funds (Acts 7056 and 7218).. .. .	8,665,324	12 1
Treasurer's Advance—Waterworks Trusts and Local Governing Bodies.. .. .	44,896	12 8
Salt Affected Lands (Act 6604)	1,865	15 4
	8,712,087	0 1

COUNTRY SEWERAGE AUTHORITIES.

	£	s. d.
Water Supply Loan Application Act 7056 Part VII	78,937	18 0
Water Supply Loan Application Act 7056 Part IX	31,156	6 5
Water Supply Loan Application Act 7218 Part IX	264,260	6 1
Water Supply Loan Application Act 7218 Part XI	147,615	8 4
Treasurer's Advance	82,861	0 2
	604,830	19 0

LOAN CAPITAL ACCOUNTS

A.—CAPITAL WORKS AND CHARGES. LOAN CAPITAL ACCOUNTS

	Capital Charges Borne by the Districts and Works.			Capital Charges Borne by the State Account.			Total.			Totals as at 30th June, 1965.		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Geelong (inclusive of Loan Flotation Expenses)	165,113	19	7	165,113	19	7			
Goulburn Levees	30,797	0	4	30,797	0	4			
Torrumberry System (excluding Weir)	454,925	17	0	454,925	17	0			
Lang Lang River Works	48,543	8	9	48,543	8	9			
Surveys and Preliminary Investigations	829,139	4	7	829,139	4	7			
Loan Flotation Expenses	2,805,130	19	10	2,805,130	19	10			
River Improvements	19,479	3	5	19,479	3	5			
Bulk Store and Storeyard, South Melbourne, and Dynon-road Storeyard	16,528	4	8	16,528	4	8			
Water Supply Stores Suspense	1,206,000	0	0	1,206,000	0	0			
Plant and Machinery Suspense	1,700,451	8	0			
Central Plant Workshops, Bendigo (Land Buildings and Services, £155,866 15s. 4d. ; Equipment, £46,890 14s. 10d. ; Residences, £50,985 8s. 6d.)	1,700,451	8	0	253,742	18	8			
Plant Sub-depots, Kerang, £17,317 13s. 7d. ; Tatura, £2,595 18s. 1d. ; Koo-Wee-Rup, £385 11s. 0d.	16,853	0	7	20,299	2	8			
Commission Buildings, Carlisle House and Fine Arts Building, £9,703 15s. 10d. (Cr.) ; Hydraulic Experimental Station	307	1	7						
Werribee, £57,237 13s. 9d., including residences ; Engineering Laboratory, Hawthorn, £202 16s. 1d. (Cr.) ; Irrigation and other Branch residences, £75,051 13s. 4d. ; Central Administrative Offices, Toorak, £778,677 11s. 8d. ; Land Purchase, £1,941 14s. 4d.	903,002	1	2			
Little River Weir	11,585	2	10			
Tallangatta Township Removal	74,537	7	6			
Advances to State Electricity Commission for the Provision of Electricity Supply to Water Supply Works	12,824	4	0			
Lake Corangamite Drainage Project	508,407	6	7			
Mountain Areas Water Supply	390,000	0	0			
Central Gippsland—Salt Affected Lands—Act 6413/6604	16,654	8	0			
Buffalo Reservoir	1,705,487	11	4			
Recreational Facilities at Headworks	46,715	11	9			
Advance Lands Compensation Payments	131,631	9	0			
Irrigation Research	21,388	13	9			
Tarago Reservoir	59,445	13	9			
Hydrology Investigations	13,352	12	6			
Expenditure on Replacements pending provision of Water Supply Works Depreciation Funds.	9,696	7	8			
	1,717,611	10	2	9,737,268	7	2	11,454,879	17	4	11,454,879	17	4
	Carried forward..									11,454,879	17	4

LOAN CAPITAL ACCOUNTS—continued.

B.—STATE WORKS OF WATER SUPPLY (Under Sec. 79 and Fifth Schedule to Water Act)		Totals as at 30th June, 1965.	
CAPITAL COST OF WHICH IS CHARGEABLE TO CAPITAL EXPENDITURE BORNE BY THE STATE ACCOUNT.		£ s. d.	
Brought forward		11,454,879 17 4	
BROKEN RIVER WORKS.—Casey's Weir and offtake, with about 59 chains of channel to Broken Creek; Gowangardie Weir with offtake sluice ..		£ s. d.	
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)		22,682 4 5	
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 Tutchewap, and to the Little Murray River, with water storage works at these Lakes ..		738,472 7 4	
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		26,671 12 10	
LAKE LONSDALE RESERVOIR.—Reservoir at Lake Lonsdale, on the Little Wimmera River, near Ledcourt		231,486 13 5	
LODDON RIVER WORKS.—Laanecoore Weir, on the Loddon; Bridgewater Weir, on the Loddon; Kinypaniel Weir, on the Loddon		50,207 16 1	
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 Koorem; System of main distributary channels about 85 miles in length		174,961 0 10	
LOWER WIMMERA COMPENSATION WORKS.—Drung Drung Weir on the Wimmera, near allotment 29, Parish of Longerenong; Dimboola Weir, on the Wimmera, near Dimboola township; Antwerp Weir, on the Wimmera at Antwerp Station Homestead; Jeparit Weir, on the Wimmera, near Jeparit township		27,305 18 5	
Carried forward		8,663 12 3	
		1,280,451 5 7	
		12,735,331 2 11	

LOAN CAPITAL ACCOUNTS—continued.

D.—COLIBAN SYSTEM

Name of District.	Loan Capital Liability.			Allotted to District.	Capital Expenditure borne by the State Account.						Totals as at 30th June, 1965.
	Headworks.		Total.		Headworks.		Distributary Works.		Total.		
	£	s. d.			£	s. d.	£	s. d.			
				£	s. d.		£	s. d.		£	s. d.

E.—IRRIGATION DISTRICTS

Bacchus Marsh	..	..	511,254 1 10	188,097 11 7	323,156 10 3	174,215 7 0	..	497,371 17 3	..
Campaspe	..	..	5,001 1 9	..	5,001 1 9	361,225 4 8	..	366,226 6 5	..
Goulburn-Murray	..	..	45,176,232 14 7	..	45,176,232 14 7	17,022,504 5 7	..	62,198,737 0 2	..
Macalister	..	..	1,677,772 6 6	..	1,677,772 6 6	4,836,573 6 8	..	6,514,345 13 2	..
Merbein	..	..	196,016 9 8	..	196,016 9 8	445,084 3 7	..	641,100 13 3	..
Nyah	..	..	74,857 0 0	..	74,857 0 0	276,226 12 7	..	351,083 12 7	..
Red Cliffs	..	..	283,152 0 0	..	283,152 0 0	1,085,417 12 9	..	1,368,569 12 9	..
Robinvale	..	..	26,750 13 7	..	26,750 13 7	1,434,688 10 4	..	1,434,688 10 4	..
Tresco	..	..	187,698 9 4	..	187,698 9 4	214,449 2 11	..	214,449 2 11	..
Werribee	..	..	192,540 6 8	..	192,540 6 8	255,629 9 1	..	448,169 15 9	..
Totals	..	..	48,143,576 14 7	188,097 11 7	47,955,479 3 0	26,079,263 1 7	..	74,034,742 4 7	..

LOAN CAPITAL ACCOUNTS—continued.

F.—WATERWORKS DISTRICTS

Name of District.	Loan Capital Liability			Allotted to District.	Capital Expenditure borne by the State Account.			Totals as at 30th June, 1965.
	Headworks.	Distributory Works.	Total.		Headworks	Distributory Works.	Total.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Bellarine Peninsula ..	65,205 15 2	8,063 3 4	73,268 18 6	..	65,205 15 2	8,063 3 4	73,268 18 6	
Mornington Peninsula ..	774,116 3 7	36,495 8 0	810,611 11 7	517,036 18 5	257,801 14 4	35,772 18 10	293,574 13 2	
Otway ..	625,116 7 7	32,405 6 4	657,521 13 11	285,191 7 11	362,531 14 4	9,798 11 8	372,330 6 0	
Supplied from Goulburn, Campaspe and Loddon Systems								
East Loddon ..	4,272 8 9	17,460 16 3	21,733 5 0	..	4,272 8 9	17,460 16 3	21,733 5 0	
Normanville ..	4,354 9 9	60,653 10 4	65,008 0 1	..	4,354 9 9	60,653 10 4	65,008 0 1	
West Loddon ..	7,371 1 6	14,588 8 5	21,959 9 11	..	7,371 1 6	14,588 8 5	21,959 9 11	
System Totals ..	15,998 0 0	92,702 15 0	108,700 15 0	..	15,998 0 0	92,702 15 0	108,700 15 0	
Supplied from River Murray								
Millewa ..	142,891 5 9	600,403 15 8	743,295 1 5	..	142,891 5 9	600,403 15 8	743,295 1 5	
Tyntynder North ..	111,874 19 11	128,865 14 5	240,740 14 4	..	111,874 19 11	128,865 14 5	240,740 14 4	
System Totals ..	254,766 5 8	729,269 10 1	984,035 15 9	..	254,766 5 8	729,269 10 1	984,035 15 9	
Supplied from Wimmera—Mallee System—								
Mallee ..	1,125,137 16 10	778,419 18 7	1,903,557 15 5	..	1,125,137 16 10	778,419 18 7	1,903,557 15 5	
Northern Mallee ..	1,535,159 8 5	784,564 13 0	2,319,724 1 5	..	1,535,159 8 5	784,564 13 0	2,319,724 1 5	
Upper Wimmera ..	456,988 14 6	392,237 14 9	849,226 9 3	..	456,988 14 6	392,237 14 9	849,226 9 3	
Wimmera ..	1,325,413 2 1	762,219 9 10	2,087,632 11 11	..	1,325,413 2 1	762,219 9 10	2,087,632 11 11	
System Totals ..	4,442,699 1 10	2,717,441 16 2	7,160,140 18 0	..	4,442,699 1 10	2,717,441 16 2	7,160,140 18 0	
Miscellaneous								
Kerang—North West Lakes	923 10 0	6,167 3 2	7,090 13 2	..	923 10 0	6,167 3 2	7,090 13 2	
Werribee ..	..	12,903 12 10	12,903 12 10	..	..	12,903 12 10	12,903 12 10	
Miscellaneous Totals	923 10 0	19,070 16 0	19,994 6 0	..	923 10 0	19,070 16 0	19,994 6 0	
Grand Totals ..	6,178,825 3 10	3,635,448 14 11	9,814,273 18 9	802,228 6 4	5,399,926 1 4	3,612,119 11 1	9,012,045 12 5	9,814,273 18 9

LOAN CAPITAL ACCOUNTS—continued.

G.—URBAN DISTRICTS

Supplied from Bellarine Peninsula System	19,623 13 9	120,103 5 9	139,726 19 6	128,451 19 3	16,755 17 4	11,275 0 3	11,275 0 3	210,100 3 10	1,128,874 0 5
Anglesea ..	139,705 16 4	98,687 10 8	238,393 7 0	207,004 11 7	..	14,632 18 1	31,388 15 5		
Barwon Heads—Ocean Grove ..	7,177 0 7	22,851 18 11	30,028 19 6	30,028 19 6	3,941 13 9	1,339 12 3	5,281 6 0		
Birregurra ..	33,791 15 8	10,558 9 7	44,350 8 3	39,068 19 3	6,152 19 10	4,136 9 6	10,289 9 4		
Drysdale ..	67,172 4 0	115,659 0 8	182,831 4 8	172,541 15 4	658 2 3	179 14 1	837 16 4		
Indented Head—St. Leonards ..	10,128 9 8	3,798 6 1	13,926 15 9	13,088 19 5	..	1,462 9 7	823 13 7		
Leopold ..	76,917 19 1	21,426 13 2	98,344 12 3	90,108 18 8	50,775 10 9	73,552 15 8	124,328 6 5		
Portarlington ..	131,725 9 4	163,467 6 3	295,192 15 7	170,864 9 2	..	18,463 16 6	18,463 16 6		
Queenscliff—Pt. Lonsdale ..	23,213 10 10	62,865 10 1	86,079 0 11	67,615 4 5	..	..	..
Torquay ..	..	..	..	..	..	..	..
System Totals	509,455 19 3	619,418 1 2	1,128,874 0 5	918,773 16 7	85,057 7 11	125,042 15 11	210,100 3 10	1,128,874 0 5	
Supplied from Peninsula System	24,891 14 0	41,574 3 5	66,465 17 5	65,358 0 11	975 3 10	132 12 8	1,107 16 6		
Baxter—Pearcedale ..	86,748 18 10	76,138 3 7	162,887 2 5	137,553 14 0	5,248 3 5	20,085 5 0	25,333 8 5		
Berwick ..	54,838 7 5	16,068 16 7	70,907 4 0	17,968 6 5	52,040 5 2	898 12 5	52,938 17 7		
Bunyip ..	24,032 5 8	34,012 15 4	58,045 1 0	24,368 14 0	24,032 5 8	9,644 1 4	33,676 7 0		
Carrum Downs ..	63,545 17 10	57,495 11 7	121,041 9 5	110,429 15 5	3,095 14 10	7,515 19 2	10,611 14 0		
Cranbourne ..	388,740 5 8	55,220 16 5	443,961 2 1	438,056 16 3	2,112 6 1	3,791 19 9	5,904 5 10		
Dandenong—Springvale ..	1,788,801 16 10	2,069,502 18 4	3,858,304 15 2	2,273,693 14 7	1,454,454 14 11	130,156 5 8	1,584,611 0 7		
Dromana—Portsea ..	2,416,337 0 7	1,927,921 5 3	4,344,258 5 10	3,934,103 3 4	117,176 14 3	292,978 8 3	410,155 2 6		
Frankston—Mornington ..	44,409 2 9	5,753 8 6	50,162 11 3	48,071 15 9	1,657 9 5	433 6 1	2,090 15 6		
Garfield ..	28,894 1 4	41,001 5 6	69,895 6 10	68,774 11 8	165 7 7	955 7 7	1,120 15 2		
Hampton Park ..	78,113 2 1	8,407 3 0	86,520 5 1	44,817 13 9	41,453 12 8	248 18 8	41,702 11 4		
Longwarry ..	26,942 17 1	60,663 10 9	87,606 7 10	49,887 10 0	26,942 17 1	10,776 0 9	37,718 17 10		
Nar Nar Goon—Tynong ..	423 14 1	36,738 1 6	37,161 15 7	28,240 2 6	423 14 1	36,738 1 6	37,161 15 7		
Narre Warren ..	15,195 2 10	26,938 17 9	42,134 0 7	141,588 4 6	13,824 16 9	69 1 4	13,893 18 1		
Officer ..	80,388 19 1	72,472 7 3	152,861 6 4	141,588 4 6	4,992 15 4	6,280 6 6	11,273 1 10		
Pakenham ..	233,481 17 11	159,206 0 2	392,687 18 1	203,748 1 3	114,883 15 3	74,056 1 7	188,939 16 10		
Westernport ..	..	..	..	..	..	..	..
System Totals	5,355,785 4 0	4,689,115 4 11	10,044,900 8 11	7,586,660 4 4	1,863,479 16 4	594,760 8 3	2,458,240 4 7	10,044,900 8 11	
Supplied from Otway System	44,462 4 11	10,524 5 4	54,986 10 3	24,180 8 9	30,078 8 5	727 13 1	30,806 1 6		
Allansford ..	..	91,087 18 7	91,087 18 7	..	..	91,087 18 7	91,087 18 7		
Noorat-Glenormiston ..	205,950 18 11	194,062 5 11	400,013 4 10	251,928 15 7	116,044 10 9	32,039 18 6	148,084 9 3		
Otway ..	..	..	..	..	..	..	..
System Totals	250,413 3 10	295,674 9 10	546,087 13 8	276,109 4 4	146,122 19 2	123,855 10 2	269,978 9 4	546,087 13 8	
Supplied from Goulburn, Campaspe and Loddon Systems	..	..	..	..	..	..	..
Corop ..	..	375 16 10	375 16 10	..	..	375 16 10	375 16 10		
Dingee ..	..	3,543 12 5	3,543 12 5	..	..	3,543 12 5	3,543 12 5		
Gunbower ..	..	14,758 2 0	14,758 2 0	14,758 2 0	..	..	..
Koondrook ..	..	11,111 3 6	11,111 3 6	10,209 4 6	..	..	..
Leitchville ..	..	10,294 7 7	10,294 7 7	9,260 0 0	..	..	..
Lockington ..	..	9,939 17 3	9,939 17 3	9,125 11 6	..	..	..
Macorna ..	..	2,423 13 5	2,423 13 5	..	..	..	..
Mitiamo ..	..	4,885 2 1	4,885 2 1	..	..	..	..

LOAN CAPITAL ACCOUNTS—continued.

G.—URBAN DISTRICTS—continued.

Name of District.	Loans Capital Liability.				Allotted to District.				Capital Expenditure borne by the State Account.				Totals as at 30th June 1965.	
	Headworks.		Distributory Works.		Total.		Headworks.		Distributory Works.		Total.			
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.		
Murrabit	..		4,198 18 9		4,198 18 9			..		4,198 18 9		4,198 18 9		
Pyramid Hill	..		13,853 6 5		13,853 6 5			..		1,600 18 7		1,600 18 7		
Stanhope	..		17,855 15 5		17,855 15 5			..		496 14 4		496 14 4		
Tallygaroopna	..		4,146 12 4		4,146 12 4			..		..		..
System Totals	..		97,386 8 0		97,386 8 0			..		20,275 8 9		20,275 8 9		97,386 8 0
Supplied from River Murray														
Carwarp	..		635 19 0		635 19 0			..		..		..
Lake Boga	..		11,416 14 5		11,416 14 5			..		11,326 0 8		11,326 0 8		
Merbein	..		40,359 9 10		40,359 9 10			..		2,732 5 9		2,732 5 9		
Merungur	..		4,567 19 4		4,567 19 4			..		4,563 14 9		4,563 14 9		
Nyah	..		3,637 7 6		3,637 7 6			..		3,637 7 6		3,637 7 6		
Nyah West	..		11,328 5 5		11,328 5 5			..		83 11 0		83 11 0		
Piangil	..		13,175 12 5		13,175 12 5			..		13,175 12 5		13,175 12 5		
Red Cliffs	..		87,331 2 1		87,331 2 1			..		147 9 1		147 9 1		
Robinvale	..		34,291 14 4		34,291 14 4			..		387 14 9		387 14 9		
Werrimull	..		10,906 0 11		10,906 0 11			..		810 10 9		810 10 9		
System Totals	..		217,650 5 3		217,650 5 3			..		36,864 6 8		36,864 6 8		217,650 5 3
Supplied from Wimmera—Mallee														
System														
Antwerp	..		709 11 8		709 11 8			..		465 6 4		465 6 4		
Berrivilllock	..		10,751 2 2		10,751 2 2			..		1,228 8 3		1,228 8 3		
Beulah	..		22,576 16 7		22,576 16 7			..		9,539 0 0		9,539 0 0		
Birchip	..		23,227 10 2		23,227 10 2			..		1,603 8 7		1,603 8 7		
Brim	..		14,300 16 0		14,300 16 0			..		13,968 7 6		13,968 7 6		
Chillingollah	..		3,397 3 6		3,397 3 6			..		508 2 3		508 2 3		
Chinkapook	..		3,579 2 0		3,579 2 0			..		3,579 2 0		3,579 2 0		
Culgoa	..		6,153 4 2		6,153 4 2			..		54 8 6		54 8 6		
Dimboola	..		27,645 2 11		27,645 2 11			..		2,063 7 2		2,063 7 2		
Dooen	..		678 14 11		678 14 11			..		..		..
Hopetoun	..		45,550 3 10		45,550 3 10			..		393 9 11		393 9 11		
Jeparit	..		33,513 12 9		33,513 12 9			..		7,004 6 8		7,004 6 8		
Jung Jung	..		9,279 16 8		9,279 16 8			..		9,278 4 2		9,278 4 2		
Laibert	..		7,398 5 1		7,398 5 1			..		7,304 14 4		7,304 14 4		
Lascelles	..		5,585 1 3		5,585 1 3			..		5,568 18 11		5,568 18 11		
Manangatang	..		22,251 6 5		22,251 6 5			..		20,693 17 1		20,693 17 1		
Marnoo	..		10,175 17 8		10,175 17 8			..		7,834 15 1		7,834 15 1		
Minyip	..		15,623 7 8		15,623 7 8			..		433 15 8		433 15 8		
Nandaly	..		2,667 17 6		2,667 17 6			..		2,664 13 6		2,664 13 6		
Natimuk	..		7,614 7 5		7,614 7 5			..		2,341 13 4		2,341 13 4		
Nullawil	..		4,126 12 5		4,126 12 5			..		3,863 4 3		3,863 4 3		

Ouyen	..	64,485	0	7	64,485	0	7	36,249	5	5	..	28,235	15	2	28,235	15	2
Patchewollock	..	4,924	7	3	4,924	7	3	1	11	11	..	4,922	15	4	4,922	15	4
Pimpinio	..	9,477	3	8	9,477	3	8	..	..	..	..	9,477	3	8	9,477	3	8
Quambatook	..	10,792	17	11	10,792	17	11	9,708	14	10	..	1,084	3	1	1,084	3	1
Rainbow	..	25,434	18	8	25,434	18	8	25,280	18	8	..	154	0	0	154	0	0
Rupanup	..	24,821	6	0	24,821	6	0	16,748	8	8	..	8,072	17	4	8,072	17	4
Sea Lake	..	52,913	10	3	52,913	10	3	51,765	1	10	..	1,148	8	5	1,148	8	5
Speed	..	4,019	3	11	4,019	3	11	..	17	9	..	4,018	6	2	4,018	6	2
Tempy	..	5,782	4	3	5,782	4	3	17	2	7	..	5,765	1	8	5,765	1	8
Ultima	..	19,208	4	0	19,208	4	0	16	8	2	..	19,191	15	10	19,191	15	10
Waitchie	..	2,523	4	4	2,523	4	4	..	..	..	..	2,523	4	4	2,523	4	4
Walpeup	..	7,642	13	7	7,642	13	7	23	1	11	..	7,619	11	8	7,619	11	8
Watchem	..	5,586	14	9	5,586	14	9	116	18	6	..	5,469	16	3	5,469	16	3
Woomelang	..	12,356	6	1	12,356	6	1	11,344	15	5	..	1,011	10	8	1,011	10	8
Woorinen	..	13,031	18	3	13,031	18	3	559	6	6	..	12,472	11	9	12,472	11	9
Wycheproof	..	37,167	0	6	37,167	0	6	35,187	19	5	..	1,979	1	1	1,979	1	1
Yaapeet	..	2,350	6	4	2,350	6	4	3	14	4	..	2,346	12	0	2,346	12	0
System Totals	..	579,322	13	1	579,322	13	1	363,438	15	2	..	215,883	17	11	215,883	17	11
Miscellaneous	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Eildon	..	78,749	3	1	78,749	3	1	78,749	3	1	..	..	..	..	..	..	..
Heyfield	..	66,626	10	8	66,626	10	8	60,310	17	10	..	6,315	12	10	6,315	12	10
Newstead	..	20,406	7	2	20,406	7	2	1,763	13	10	..	18,642	13	4	18,642	13	4
Strathfieldsaye	..	11,276	14	6	11,276	14	6	..	..	..	..	11,276	14	6	11,276	14	6
Wonthaggi	..	124,091	2	9	124,091	2	9	124,014	7	7	..	76	15	2	76	15	2
Miscellaneous Totals	..	301,149	18	2	301,149	18	2	264,838	2	4	..	36,311	15	10	36,311	15	10
Grand Totals	..	6,115,654	7	1	6,799,717	0	5	9,667,717	0	7	2,094,660	3	5	6	12,915,371	7	6

H.—FLOOD PROTECTION DISTRICTS

Kanyanella	..	3,893	11	0	3,893	11	0	..	..	..	3,893	11	0	3,893	11	0
Koo-Wee-Rup	..	931,806	12	2	931,806	12	2	..	..	..	931,806	12	2	931,806	12	2
Loch Garry	..	20,410	12	9	20,410	12	9	..	..	..	20,410	12	9	20,410	12	9
Totals	..	956,110	15	11	956,110	15	11	..	..	..	956,110	15	11	956,110	15	11

I.—DRAINAGE DISTRICT

Carrum	..	..	779,036	14	10	779,036	14	10	231,834	18	6	..	547,201	16	4	547,201	16	4				
	Totals	..	..	779,036	14	10	779,036	14	10	231,834	18	6	..	547,201	16	4	547,201	16	4			
Totals, Commission Districts (Statements D, E, F, G, H and I)	..	60,438,056	5	6	42,932,122	3	7	103,370,178	9	1	11,178,352	7	6	55,450,065	7	9	36,741,760	13	10	92,191,826	1	7

Carried forward

125,916,054 16 3

LOAN CAPITAL ACCOUNTS—continued.

Totals as at 30th June 1965.							
£	s.	d.		Brought forward			
125,916,054	16	3					
WORKS UNDER GENERAL SUPERVISION OF COMMISSION.							
J.—WATERWORKS TRUSTS AND LOCAL GOVERNING BODIES							
	£	s.	d.	£	s.	d.	
Waterworks Trusts, First Mildura Irrigation, and Local Loan Liability	..	..	..	13,851,393	3	9	
Amounts Written Off and Free Grants to Local Authorities as at 30th June, 1964. (For details see Annual Report for year 1963/64)	..	..	..	6,158,485	11	5	
Under Act 1963 No. 7056, Amounts transferred to State Account £139,019 13s. 3d.; Grants to Local Authorities	..	..	..	139,019	13	3	
Under Act 1964 No. 7218, Amounts transferred to State Account £155,180 15s. 1d.; Grants to Local Authorities £20,264 0s. 0d.	..	..	..	175,444	15	1	
	6,472,949	19	9				
Less Repayments to State Loans Repayments Fund	41	10	0	6,472,908	9	9	
							20,324,301 13 6
K.—RIVER IMPROVEMENT TRUSTS							
River Improvement Trusts and other Public Authorities pursuant to Part IV. of the <i>River Improvement Act 1948</i>	..	..	..	244,498	5	8	
Amounts Borne by the State Account as at 30th June, 1964	..	..	..	1,643,892	1	5	
Under Act 1963 No. 7056, Amounts transferred to State Account	..	..	..	30,230	16	3	
Under Act 1964 No. 7218, Amounts transferred to State Account	..	..	..	152,537	3	5	
				1,826,660	1	1	
							2,071,158 6 9
L.—LATROBE VALLEY							
Works of Water Supply	..	..	..	5,488,945	18	2	
Amounts Borne by the State Account as at 30th June, 1964	..	..	..	74,573	1	3	
Under Act 1963 No. 7056, Amounts transferred to State Account	..	..	..	..	..	..
Under Act 1964 No. 7218, Amounts transferred to State Account	..	..	..	..	..	..
				74,573	1	3	
							5,563,518 19 5
GRAND TOTAL NET LOAN LIABILITY (EXCLUSIVE OF EQUITY IN NATIONAL DEBT SINKING FUND)							153,875,033 15 11

LOAN CAPITAL ACCOUNTS—continued.

SUMMARY STATEMENT OF LOAN CAPITAL ACCOUNTS AS AT 30th JUNE 1965

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 the 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 ..	12,705,893 9 5	..	..	12,705,893 9 5	1,251,013 12 1	11,454,879 17 4	1,717,611 10 2	9,737,268 7 2
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 ..	..	..	..	..	121,493 6 10	9,810,545 4 3	..	9,810,545 4 3
D.	Coliban System ..	..	..	4,732,783 8 8	9,932,038 11 1	50,237 12 9	4,682,545 15 11	288,474 10 6	4,394,071 5 5
E.	Irrigation and Water Supply Districts ..	..	..	26,525,293 8 9	76,889,911 0 8	2,667,071 4 6	74,222,839 16 2	188,097 11 7	74,034,742 4 7
F.	Waterworks Districts ..	..	..	3,700,730 10 10	9,958,877 8 10	144,603 10 1	9,814,273 18 9	802,228 6 4	9,012,045 12 5
G.	Urban Districts ..	..	..	7,470,982 13 8	13,667,837 5 10	752,465 18 4	12,915,371 7 6	9,667,717 0 7	3,247,654 6 11
H.	Flood Protection Districts ..	..	..	..	..	11,120 7 8	956,110 15 11	..	956,110 15 11
I.	Drainage District ..	..	..	967,231 3 7	967,231 3 7	3,898 2 8	779,036 14 10	231,834 18 6	547,201 16 4
J.	Total Works under control of Commission ..	13,990,222 11 9	72,751,657 13 2	44,179,956 3 0	130,921,836 7 11	5,005,781 11 8	125,916,054 16 3	12,895,963 17 8	113,020,090 18 7
K.	Waterworks Trusts and Local Governing Bodies ..	..	..	..	22,097,388 17 5	1,773,087 3 11	20,324,301 13 6	13,851,393 3 9	6,472,908 9 9
L.	River Improvement Trusts ..	..	..	..	2,076,463 6 1	5,304 19 4	2,071,158 6 9	244,498 5 8	1,826,660 1 1
	Latrobe Valley ..	..	..	..	5,769,236 18 3	205,717 18 10	5,563,518 19 5	5,488,945 18 2	74,573 1 3
		..	..	..	160,864,925 9 8	6,989,891 13 9	153,875,033 15 11	32,480,801 5 3	121,394,232 10 8

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, 1965.

	Total.	Water Supply.	State Development Account.
	£ s. d.	£ s. d.	£ s. d.
Net Loan Liability as per Treasurer's Finance Statement	139,782,401 14 10	30,599,607 18 11	109,182,793 15 11
Add—	111,971 2 5	..	111,971 2 5
Cost of Geelong Works.	15,901,244 13 3	3,317,584 13 6	12,583,659 19 9
National Debt Sinking Fund contributions from Consolidated Revenue pursuant to the provisions of the <i>Commonwealth and State Financial Agreement Act</i> 1927, No. 3554, as amended by Act No. 5051, 1944 (These amounts not credited to Districts and Works excepting recoup contributions shown below).	53,142 17 2	..	53,142 17 2
National Debt Sinking Fund contributions in respect of Geelong Works	155,848,760 7 8	33,917,192 12 5	121,931,567 15 3
Loan Funds credited to I.D.M.E.R. Account	537,335 4 7	..	537,335 4 7
Redemption recoup contributions paid into Consolidated Revenue by Commission Districts and Works, Waterworks Trusts, &c.	1,436,391 7 2	1,436,391 7 2	..
Totals of Amounts at Debit of Authorities and Districts and the Capital Expenditure Borne by the State Account in the books of the Commission	153,875,033 15 11	32,480,801 5 3	121,394,232 10 8

Less—

CONTRACTS

STATEMENT OF CONTRACTS ENTERED INTO DURING THE YEAR ENDED
30TH JUNE, 1965.

No.	Contractor.	Nature of Contract.	Amount.
			£
3703	Stawell Timber Industries Pty. Ltd.	Erection of 3 Ablution Blocks at Kerang Construction Depot ..	8,036
3704	D. M. Brown	Construction of structures and pipelaying, Central Goulburn Channel 9A	9,360
3705	G. Arceri	Erection of fencing and removal existing fencing Goulburn Channel No. 8	8,883
3706	A. Arnolds Fences Pty. Ltd. ..	Supply and erection fencing Frankston Reservoir	13,216
3707	J. Otter Fencing Pty. Ltd. ...	Supply and erection fencing Dromana Reservoir	3,484
3708	M. Diedrich	Erection additional accommodation Boort office	3,650
3709	World Services and Construction Pty. Ltd.	Supply and erection Welded Steel Tank at Noorat	15,412
3710	Warrnambool Drainage Co. ..	Excavation of trenches Noorat-Glenormiston Reticulation ..	3,355
3711	Maskell and Gribben Pty. Ltd. ..	Supply and delivery of concrete aggregate to Tatura Construction Depot	11,583
3712	F. A. B. Jones	Erection of Toilet Block at Eildon Boat Harbour	4,280
3713	Bennetts Steel Fabrication Co. ..	Welding Rye-Sorrento Pipeline	1,313
3714	C. Rosetti	Erection of Standard Type Residence at Kooweerup	5,392
3715	M. Diedrich	Erection of Standard Type Residence at Cohuna	5,060
3716	A. D. Hillgrove (Construction) Pty. Ltd.	Construction of Earthen Storage at Manangatang	4,204
3717	M. Diedrich	Erection of 12 Four-man accommodation units at Kerang ..	13,250
3718	E. G. Wilkinson	Erection of standard type residence at Murchison	5,330
3719	R. F. Spalding	Erection of fencing Central Goulburn channel No. 2	6,141
3720	W. T. Mustey	Supply delivery &c., Road Making Material, Tatura	2,721
3721	J. F. Thomson Pty. Ltd.	Supply and erection of Storage Tank at Safety Beach	13,564
3722	W. Phelan and Sons Pty. Ltd. ..	Supply and erection of 2 Seymour-type houses at Rochester ..	6,990
3723	W. Phelan and Sons Pty. Ltd. ..	Supply and erection of 2 Derwent-type houses at Kerang ..	6,990
3724	Arthur Moore	Construction of Pump House at Safety Beach	1,520
3725	M. Diedrich	Erection of Toilet Block at Eppalock Reservoir	1,366
3726	Utility Cleaning Co. Pty. Ltd. ..	Cleaning of Frankston office	780
3727	Horrocks Roxborough Pty. Ltd. ..	Supply and erection of Gantry Crane, Cairn Curran Reservoir ..	6,245
3728	K. Goyen Pty. Ltd.	Welding Otway Supplementary Pipe Line	1,445
3729	M. Diedrich	Erection of Standard Type Residence at Kotta	5,500
3730	Mackay and Tyers	Construction East Goulburn Channels 4/18 and 1/4/18 ..	3,844
3731	Welded Pipelines Pty. Ltd. ..	Welding Cement Lined Mild Steel Pipeline, Devilbend	1,339
3732	Roche Bros. Pty. Ltd.	Excavation of secondary Spillway and delivery of earthfill Buffalo River Project	49,104
3733	Bellfield Drilling Pty. Ltd. ..	Drilling Blast Holes, Lake Bellfield	139,854
3734	Cyclone K. M. Products Pty. Ltd.	Supply and erection of fencing Safety Beach and Tyabb Storage Tanks	1,817
3735	Thompson, Healy and Stapleton ..	Excavation, laying, &c., supply main at Lake Bellfield	8,034
3736	Arthur Moore	Erection of Pump House, Humphries-road, Frankston	1,120
3737	W. B. Van Dyl	Pipelaying and construction of earthworks Bardia-street Drain, Carrum Drainage	10,237
3738	Latrobe Valley Equipment Co. Pty. Ltd.	Excavation of Tank and Pumping Station Site, East Frankston ..	5,393
3739	Cyclone K. M. Products Pty. Ltd.	Supply and erection of fencing Queenscliff storage	3,890
3740	Bennetts Steel Fabrication Co. ..	Welding &c., Joints Frankston Seaford Main	1,494
3741	W. H. Lowe & Co. Pty. Ltd. ..	Switchboard and Wiring, Nyah Irrigation Pumping Station ..	5,006
3742	M. Diedrich	Erection of Standard Type Residence, Lake Boga	5,764
3743	A. L. and B. G. Pearce	Excavated storage Reservoir, Strathfieldsaye	8,677
3744	Ruddy Bros. Excavations	Excavation of Pyramid No. 1 Drain	4,079
3745	R. McRae	Erection of 291 chain fencing, Numurkah	1,713
3746	Utility Cleaning Co. Pty. Ltd. ..	Cleaning Central Administration office and Laboratory ..	13,160
3747	J. Bennett	Erection of Toilet Block, at Newlyn Reservoir	944
3748	Diamond Fence and Gate Co. Pty. Ltd.	Supply and erection of fencing, Armagh-road Service Basin, Frankston	934
3749	Weatherhead Bros. Pty. Ltd. ..	Clearing Timber Beaconsfield Reservoir Reserve	1,018
3750	J. F. Thomson Pty. Ltd.	Supply erection of Welded Steel Tank at East Frankston ..	46,087
3751	R. House	Erection of Toilet Block, Lauriston Reservoir	1,245
3752	A. Moore	Erection of Pumphouse, Armagh-road, Service Basin, Frankston	1,037
3753	A. Moore	Erection of Brick Building at East Frankston	1,044

ESTIMATES 1965-66
PROPOSED DISBURSEMENTS.

	Estimated Requirements	Amount Provided in Budget
	£	£
Salaries and Payments in the nature of Salary*	2,438,000	2,436,325
General Expenses	660,000	599,550
Coliban Works	105,000	88,000
Irrigation Districts	1,112,500	967,000
Waterworks Districts	565,000	443,500
Flood Protection and Carrum Drainage Districts	47,000	40,500
Removal of Sand Drift	75,000	55,600
River Murray Works—Contribution by State	122,400	100,000
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	26,500	26,500
Subsidies to Waterworks Trusts and Local Governing Bodies to limit the maximum Water Rate to 3s. 6d. in the pound N.A.V.	5,000	5,000
Water Supply Research Trust Account	1,000	1,021
Survey Cadetships	7,000	6,202
Total—Water Supply	5,165,000	4,769,198
Subsidies to Sewerage Authorities in cases where the interest paid on Capital Liability is in excess of the rate of 3 per cent.	460,000	400,000
Grand Total	5,625,000	5,169,198

* To be apportioned over the Districts and works.

ESTIMATED RECEIPTS.

	£
Coliban Works	240,000
Irrigation Districts	1,900,000
Waterworks Districts	575,000
Urban Districts	750,000
Flood Protection and Carrum Drainage Districts	70,000
Sewerage Districts	7,000
Other—Miscellaneous	208,000
Recoup on account of amount paid from Revenue in connexion with River Murray Commission, Loan Works, etc.	1,250,000
Sub—Total	5,000,000
<i>Add</i> Estimated Receipts to meet Interest and Redemption—	
Waterworks Trusts and Other Corporations	£ 551,000
Plant and Machinery and Land	58,000
	<hr/> 609,000
Totals—Water Supply	5,609,000

Estimated amount available from Revenue of Commission's

 “Paying” Districts to meet Interest £235,000

APPENDIX A. WATER DELIVERED FOR IRRIGATION, 1964-65.

Name of District, Area, etc.	Gross Supply at District Offtakes (excluding volumes passed to other Districts)	Total Water Rights Allotted to District	Users in District			Total Delivered in District	Users Outside District from District Channels	Total Delivered	Users Outside District from Main Channels
			Under Water Rights	Sales of Water	Domestic and Stock Purposes				
GOULBURN—MURRAY—	ac. ft.	ac. ft.	ac. ft.	ac. ft.	ac. ft.	ac. ft.	ac. ft.	ac. ft.	ac. ft.
Goulburn System—									
(Eastern)									
South Shepparton	16,858	15,063	10,800	2,940	362	14,102	..	14,102	..
Shepparton	45,749	26,701	24,362	6,776	987	32,125	186	32,311	..
North Shepparton	90,970	49,692	39,727	25,874	1,806	67,407	..	67,407	41
Katandra	21,693	12,102	13,154	5,913	640	19,707	..	19,707	..
Totals	(c) 175,270	103,558	88,043	41,503	3,795	133,341	186	133,527	41
(Western)									
Rodney	288,124	141,879	131,741	62,184	(b) 8,241	202,166	(a) 304	202,470	..
Tongala-Stanhope	128,892	63,669	62,116	35,788	3,414	101,318	1,192	102,510	..
Deakin	32,737	14,634	11,484	8,908	853	21,245	..	21,245	..
Rochester	182,843	68,286	65,908	58,902	4,155	128,965	1,130	130,095	..
Dingee	12,399	4,962	4,804	4,441	311	9,556	..	9,556	..
Calvit	38,472	17,159	15,949	10,721	837	27,507	..	27,507	1,212
Tragowel Plains	118,862	58,439	56,532	21,111	2,075	79,718	4	79,722	..
Boort	57,197	29,608	28,401	9,630	1,211	39,242	336	39,578	..
East Loddon	4,763	..	..	1,229	620	1,849	..	1,849	..
West Loddon	8,086	..	..	4,847	562	5,409	..	5,409	..
Campaspe Irrig. Area	3,754	..	..	3,745	9	3,754	..	3,754	..
Totals	876,129	398,636	376,935	221,506	22,288	620,729	2,966	623,695	1,212
GOULBURN GRAND TOTAL	1,053,671	502,194	464,978	(f) 262,999	26,083	754,060	3,152	757,212	1,253
Murray System—									
(Yarrawonga Weir)									
Murray Valley	(d) 304,564	136,902	128,283	77,120	7,090	212,493	45	212,538	..
(Torrumbarry Weir)									
Cohuna	151,990	55,219	54,514	51,462	3,182	109,158	50	109,208	..
Koondrook	78,892	28,544	28,453	16,466	1,300	46,219	109	46,328	..
Kerang	67,613	28,085	27,589	20,958	1,530	50,077	636	50,713	..
Third Lake	10,820	3,083	3,271	1,728	145	5,144	86	5,230	..
Mystic Park	10,206	4,013	3,949	2,783	243	6,975	200	7,175	..
Fish Point	4,818	1,907	1,906	802	135	2,843	..	2,843	..
Swan Hill	58,886	28,378	26,118	9,193	1,750	37,061	164	37,225	..
Pental Island Private Diversions .. .. .	..	..	..	..	..	..	..	..	4,808
Kerang Private Diversions .. .. .	..	..	..	..	..	..	..	..	1,289
Kerang N. W. Lakes Private Diversions .. .. .	..	..	..	..	..	..	..	..	3,234
Upper Gunbower Ck. Private Diversions .. .. .	..	..	..	..	..	..	..	..	7,410
Lower Gunbower Ck. Private Diversions .. .. .	..	..	..	..	..	..	..	..	7,951
Taylor's Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	1,841
Kow Swamp Private Diversions .. .. .	..	..	..	..	..	..	..	..	2,830
Pyramid Creek Private Diversions .. .. .	..	..	..	..	..	..	..	..	4,515
Tresco *	7,214	3,628	3,346	66	33	3,445	..	3,445	..
Torrumbarry Weir Total	390,439	152,857	149,146	(g) 103,458	8,318	260,922	1,245	262,167	33,878
(Pumped from River Murray)									
Nyah	9,289	7,118	6,399	406	92	6,897	(b) 76	6,973	..
Robinvale	17,141	14,149	13,048	2,392	..	15,440	..	15,440	..
Red Cliffs	39,669	34,666	34,167	2,300	..	36,467	210	36,677	..
Merbein	32,051	24,124	23,774	1,768	..	25,542	..	25,542	..
Totals	98,150	80,057	77,388	6,866	92	84,346	286	84,632	..
FIRST MILDURA TRUST	56,555	50,277	36,315	18,471	180	54,966	..	54,966	..
MURRAY GRAND TOTALS	849,708	420,130	391,132	205,915	15,680	612,727	1,576	614,303	33,878
Campaspe System—									
Coliban	26,048	..	..	(e) 11,799	(b) 146	11,945	..	11,945	..
CAMPASPE	5,957	..	..	2,023	156	2,179	..	2,179	..
Totals	32,005	..	..	13,822	302	14,124	..	14,124	..
Werribee System—									
BACCHUS MARSH	9,927	3,297	3,015	2,776	175	5,966	(b) 730	6,696	..
WERRIBEE	15,344	8,061	7,375	2,245	295	9,915	(b) 177	10,092	..
Totals	25,271	11,358	10,390	5,021	470	15,881	907	16,788	..
Macalister System—									
MACALISTER	156,486	68,163	63,076	29,686	3,201	95,963	801	96,764	..
Wimmera System—									
QUANTONG, RIVERSIDE, BURNLEA, HAVEN, etc.	19,000	..	..	13,441	..	13,441	..	13,441	..
PRIVATE DIVERSIONS (NOT INCLUDED ABOVE) .. .. .	..	..	..	..	..	..	..	..	311,400
GRAND TOTALS	2,133,869	1,001,808	929,576	530,894	45,736	1,506,206	6,436	1,512,642	346,531
GRAND TOTAL								1,859,173	

(a) Includes Waterworks Trusts

(b) Includes Urban Districts

(c) Includes 1,147 acre feet outfall to Broken Creek

(d) Includes 4,407 acre feet outfall to Broken Creek

(e) Includes 79 acre feet for mining

(f) Includes 57,910 acre feet supplementary sales

(g) Includes 51,652 acre feet supplementary sales

(h) Includes 1,570 acre feet special sales

* TESCO: Irrigation District with separate assignment, supplied from Torrumbarry.

WATER ASSIGNMENT TO DISTRICTS

District	Acre feet	District	Acre feet
GOULBURN MURRAY	2,750,000	RED CLIFFS	56,000
TRESCO	8,000	MERBEIN	40,000
NYAH	12,000	FIRST MILDURA TRUST	75,000
ROBINVALE	21,000	CAMPASPE	3,000
BACCHUS MARSH	5,000	WERRIBEE	12,000
MACALISTER	241,000		

APPENDIX B.

LANDS UNDER IRRIGATED CULTURE, 1964-65.
EXTENT OF IRRIGATION AND AREAS WATERED

Name of District, Area, etc.	Total Area of Holdings in Irrigation Districts in Acres	Area classified as Irrigable within Constituted Districts in Acres	Water Rights Apportioned includ- ing Extra Water Rights (Acres Feet)	Area Irrigated, including Lands adjoining a District, in Acres										
				Total	Cereals	Lucerne Grown for Pasture and Hay	Sorghum and other Annual Fodder Crops	Pastures			Vineyards	Orchards	Market Gardens	Fallow and Miscellaneous
								Native	Annual	Peren- nial				
GOULBURN—CAMPASPE —LODDON SYSTEM														
Katandra	15,530	12,789	12,102	9,695	..	126	..	..	1,972	7,597	..	..	..	71
North Shepparton ..	141,879	92,546	49,692	52,128	3	1,947	348	561	32,031	14,494	2	2,669	2	174
Shepparton	25,057	23,036	26,701	20,431	44	68	24	584	3,252	5,826	203	9,760	496	..
South Shepparton ..	41,904	28,119	15,063	12,234	..	368	102	..	7,695	3,627	8	331	103	..
Rodney	270,132	213,642	141,879	120,091	123	6,673	1,286	231	50,156	49,752	158	9,300	2,204	208
Tongala—Stanhope ..	76,068	67,037	63,669	55,267	40	178	35	300	15,131	37,687	..	983	64	849
Deakin	162,211	35,905	14,634	19,676	..	390	653	2,218	9,137	5,221	..	46	..	2,011
Rochester	184,068	132,311	68,286	85,641	420	2,627	224	1,795	36,919	42,641	..	435	161	419
Dingee	8,889	6,952	4,962	4,997	..	..	..	10	1,508	3,479	..	..	..	..
Calivil	61,140	47,091	17,159	20,052	52	560	425	1,022	11,069	6,547	..	..	2	375
Tragowel Plains ..	218,207	168,983	58,439	81,600	1,511	833	3,220	17,099	46,098	10,152	..	..	..	2,685
Boort	100,004	64,311	29,608	40,022	1,321	2,918	1,220	1,160	25,366	4,694	..	10	..	3,333
Campaspe (Area) ..	26,636	..	..	1,777	..	549	15	30	714	331	..	6	132	..
Campaspe (District) ..	19,735	..	..	1,390	..	459	..	369	120	353	..	..	89	..
East Loddon .. .. .	..	..	..	1,370	..	183	..	..	1,071	116	..	..	..	..
West Loddon .. .. .	..	..	..	5,827	180	1,244	839	294	1,548	190	..	..	..	1,532
Totals	1,351,460	892,722	502,194	532,198	3,694	19,123	8,391	25,673	243,787	192,707	371	23,542	3,253	11,657
RIVER MURRAY SYSTEM														
Torrumbarry Weir														
Cohuna	94,163	69,702	55,219	73,760	277	736	255	7,969	24,261	39,457	43	..	10	762
Koondrook	88,165	67,971	28,544	52,370	951	492	731	2,039	38,555	8,727	3	493	..	369
Swan Hill	37,274	25,341	28,378	24,282	..	905	21	401	4,691	13,608	3,379	520	757	..
Third Lake	11,677	8,619	3,083	6,232	..	296	47	..	5,630	257	..	2	..	..
Mystic Park	20,438	10,262	4,013	3,808	121	392	128	3	2,582	424	22	11	5	120
Tresco	4,652	1,731	3,628	1,582	..	12	..	10	35	2	1,283	192	48	..
Fish Point	18,364	4,426	1,907	3,279	20	68	17	247	2,514	413	..	..	..	..
Kerang	90,466	71,873	28,085	52,090	1,644	511	1,843	5,070	31,507	10,067	..	..	..	1,448
Kerang North-West Lakes .. .. .	..	..	..	11,518	200	403	60	1,535	8,069	1,040	49	151	11	..
Private Diversions ..	..	..	..	35,118	37	836	129	570	18,301	14,011	593	352	31	258
Totals	365,199	259,925	152,857	264,039	3,250	4,651	3,231	17,844	136,145	88,006	5,372	1,721	862	2,957
Yarrowonga Weir														
Murray Valley	301,818	209,885	136,902	115,443	225	7,167	538	1,406	53,264	45,621	115	6,405	373	329
Direct from River by Pumping														
Nyah	3,833	2,598	7,118	3,163	60	228	..	302	94	52	1,991	152	85	199
Red Cliffs	13,611	11,310	34,666	11,695	..	40	25	..	..	60	10,840	710	20	..
Merbein	9,234	7,714	24,124	8,462	81	128	47	8	130	..	7,180	873	2	13
Robinvale	9,085	5,629	14,149	4,940	..	..	..	..	..	..	4,293	647	..	..
Totals	35,763	27,251	99,057	28,260	141	396	72	310	224	112	24,304	2,382	107	212
First Mildura Trust ..	45,000	16,759	50,277	16,062	..	392	120	..	..	..	14,082	921	..	547
RIVER MURRAY SYSTEMS TOTALS														
Totals	747,780	513,820	420,093	423,804	3,616	12,606	3,961	19,560	189,633	133,739	43,873	11,429	1,342	4,045
OTHER NORTHERN SYSTEMS														
Coliban .. .. .	..	11,000	..	10,934	46	335	..	686	1,511	5,071	..	2,910	353	22
Western Wimmera ..	..	6,332	..	6,067	..	608	..	..	..	4,762	..	500	120	77
Wimmera United ..	..	1,113	..	1,007	..	305	..	..	..	697	..	..	5	..
Totals .. .. .	..	18,445	..	18,008	46	1,248	..	686	1,511	10,530	..	3,410	478	99
SOUTHERN SYSTEMS														
Bacchus Marsh	6,701	3,286	3,297	3,183	4	431	18	..	..	1,933	..	391	400	6
Werribee	9,641	8,064	8,061	8,185	10	353	30	13	..	3,649	..	227	3,878	25
Maffra—Sale	76,038	46,671	40,169	36,920	45	131	108	2,180	305	34,035	..	..	95	21
Central Gippsland ..	54,544	35,906	27,994	24,654	..	342	41	991	251	23,019	..	..	10	..
Mornington Peninsula ..	..	..	..	1,061	..	..	..	..	..	..	..	..	871	190
Bellarine Peninsula ..	..	..	..	286	..	..	..	..	..	..	..	..	184	102
Totals	146,924	93,927	79,521	74,289	59	1,257	197	3,184	556	62,636	..	618	5,438	344
PRIVATE DIVERSIONS														
Other Private Diversions Throughout the State	..	..	..	140,756	633	8,086	1,567	2,107	7,740	85,022	3,534	5,744	16,373	9,950
GRAND TOTALS 1964-65														
Totals	2,246,164	1,518,914	1,001,808	1,189,055	8,048	42,320	14,116	51,210	443,227	484,634	47,778	44,743	26,884	26,095
GRAND TOTALS 1963-64														
Totals	2,238,712	1,509,051	990,192	1,137,241	14,878	42,878	21,031	41,360	427,160	453,986	45,257	43,891	24,422	22,378

AREA IRRIGATED 1960-61 TO 1964-65.

Source of Supply								1960-61	1961-62	1962-63	1963-64	1964-65
								ac.	ac.	ac.	ac.	ac.
Goulburn-Loddon System	..	..	..	..	..	..	..	432,207	506,465	515,804	500,802	532,198
River Murray System	..	..	..	..	..	..	..	366,643	387,266	410,935	406,840	423,804
Other Northern Systems	..	..	..	..	..	..	..	15,691	18,148	16,794	17,312	18,008
Southern Systems	..	..	..	..	..	..	..	63,293	71,825	73,360	72,092	74,289
Private Diversions	..	..	..	..	..	..	..	108,221	134,196	134,662	140,195	140,756
Totals .. .. .	..	..	..	..	..	..	..	986,055	1,117,900	1,151,555	1,137,241	1,189,055

Districts.	Quantity.	Total.
	Acre feet.	Acre feet.
Wimmera-Mallee System—		
Rocklands Reservoir	18,760	
Wimmera River and Storages	56,688	
Loddon and Goulburn Water	Nil	75,448*
Goulburn and Loddon—		
Normanville (Loddon and Goulburn)	1,796	
West Loddon (Loddon and Goulburn)	8,086	
East Loddon (Goulburn)	4,763	14,645
River Murray—		
Millewa (Cullulleraine Pump)	6,383	
Tyntynder North (Robinvale Pump)	967	
Millewa (Yelta Area)	2,033	
Millewa (Carwarp Area)	1,294	10,677
Grand Total	100,770

* Detailed statement of Wimmera-Mallee System hereunder.

* * * *

WATER SUPPLIED FROM HEADWORKS.

Year.	Rocklands Reservoir.	Lake Lonsdale and Fyans Lake. (Gauged at Glenorchy.)	Wimmera River (Gauged at Glenorchy.)	Taylors, Pine and Wartook Lakes. (Gauged at Outlets.)	Waranga Western Channel. (Gauged at Avoca River.)	Total.	Rainfall.	
							Wartook.	Hopetoun.
	Acre feet.	Acre feet.	Acre feet.	Acre feet.	Acre feet.	Acre feet.	Inches.	Inches.
1961.. ..	31,553	21,100	2,214	53,597	1,290	109,754	32·50	13·31
1962.. ..	30,328	4,607	3,794	43,066	..	81,795	30·60	12·27
1963.. ..	16,386	10,584	8,648	35,285	4,713	75,616	26·84	17·72
1964.. ..	18,760	2,133	18,209	36,346	..	75,448	42·50	16·19

In addition to the above the following quantities have been released from Headworks at Pine Lake Green Lake and Dock Lake Storages for irrigation areas in the Western Wimmera and Wimmera United Subdivisions of the Wimmera Waterworks District.

Year.									Area Watered.	Gross Supply Released from Headworks.
									Acres.	Acre feet.
1961-62	..	..	..	..	..	..	..	..	7,124	25,735
1962-63	..	..	..	..	..	..	..	..	7,013	20,082
1963-64	..	..	..	..	..	..	..	..	7,393	20,183
1964-65	..	..	..	..	..	..	..	..	7,047	19,000

APPENDIX C—continued.

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

PERIODS OF ANNUAL WATERING.

District.	Year.	Commenced.	Completed.	Days.
Wimmera-Mallee	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*
	1962	5.4.62	25.10.62	204
	1963	20.3.63	18.10.63	213
	1964	16.3.64	28.10.64	227
Tyntynder North (formerly Coreena) .. .	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
	1962	2.7.62	23.7.62	22
	1963	9.7.63	24.7.63	16
	1964	2.7.64	28.7.64	27
Millewa (Millewa Section)	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
	1962	2.7.62	28.8.62	57
	1963	1.7.63	28.8.63	58
	1964	1.7.64	3.9.64	65
Millewa (Carwarp Section)	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
	1962	31.7.62	17.8.62	17
	1963	5.8.63	23.8.63	19
	1964	6.7.64	26.7.64	21
Millewa (Yelta Section)	1958	9.9.58	2.10.58	25
	1959	2.9.59	18.9.59	
	1960	20.10.59	2.11.59	21
		6.9.60	17.9.60	
	1961	27.9.60	8.10.60	22
		28.8.61	1.9.61	
	1962	5.9.61	20.9.61	21
		4.9.62	21.9.62	18
	1963	10.9.63	25.9.63	16
	1964	1.9.64	17.9.64	18

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

APPENDIX D.

IRRIGATIONS IN DISTRICTS SUPPLIED BY PUMPING.
RED CLIFFS.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Acre.
1*	24th August to 10th September, 1964	6,527	inches. 6·8
2	27th September to 5th October, 1964		6·1
3	26th October to 16th November, 1964		6·2
4	25th November, to 16th December, 1964		5·7
5	22nd December, 1964 to 10th January, 1965		6·8
6 (a)	18th January to 11th February, 1965	7,123	8·2
6 (b)	23rd March to 31st March, 1965	1,781	6·5
	1st April to 18th April, 1965	4,778	
	Total	37,586	46·3

* Interrupted by rain.

Figures do not include the following Special Irrigations :

(i) 6th July to 9th July, 1964	502 acre feet
(ii) 1st March to 4th March, 1965	746 acre feet
(iii) 24th May to 28th May, 1965	834 acre feet

MERBEIN.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Acre.
1*	1st September to 17th September, 1964	5,131	inches. 7·0
2*	23rd September to 6th October, 1964		6·7
3	29th October to 16th November, 1964	4,827	7·1
4	1st December to 20th December, 1964	5,120	6·7
5	29th December, 1964 to 16th January, 1965	4,673	6·85
6†	25th January to 12th February, 1965	4,989	7·75
	1st March to 9th March, 1965	5,931	
	30th March to 17th April, 1965		
	Total	30,671	42

* Interrupted by rain.

† split irrigation

Figures do not include the following Special Irrigations:

(i) 21st July to 22nd July, 1964	572 acre feet
(ii) 18th May to 24th May, 1965	871·6 acre feet

NYAH.

Irrigation Number.	Period.	Acre Feet Pumped.	Equivalent Average Depth per Acre.
1*	2nd September to 10th September, 1964	1,098	inches. 6·6
2*	21st October to 30th October 1964		6·2
3	16th November to 18th November, 1964	1,419	6·4
4	30th November to 14th December, 1964	1,507	7·1
5	21st December, 1964 to 7th January, 1965	1,699	6·8
6	14th January to 31st January, 1965	1,696	6·7
	6th February to 24th February, 1965	1,514	
	7th April to 23rd April, 1965		
	Total	8,933	39·8

* Interrupted by heavy rain.

Figures do not include the following Special Irrigations:

(i) 10th March to 12th March, 1965	196 acre feet
(ii) 7th June to 12th June, 1965	150 acre feet

APPENDIX D.—*continued.*

ROBINVALE.

Irrigation Number.	Period.						Acre Feet Pumped.	Equivalent Average Depth per Acre.
								inches.
1*	{	31st August to 10th September, 1964				.. .. .	2,778	6·1
		28th September to 28th September, 1964				.. .. .	
		26th October to 2nd November, 1964				.. .. .	
2	..	12th November to 29th November, 1964				.. .. .	2,449	5·4
3	..	7th December to 23rd December, 1964				.. .. .	2,269	5·0
4	..	31st December, 1964 to 19th January, 1965				.. .. .	2,645	5·8
5	..	25th January to 14th February, 1965				.. .. .	2,804	6·3
6	..	5th April to 22nd April, 1965				.. .. .	2,316	5·2
		Total	..	..	..	..	15,261	33·8

* Interrupted by rain.

Figures do not include the following Special Irrigations:

(i) 3rd August to 14th August, 1964	..	..	..	..	..	..	..	127 acre feet
(ii) 19th February to 1st March, 1965	..	..	..	..	..	..	..	963 acre feet
(iii) 12th March to 17th March, 1965	..	..	..	..	..	..	..	467 acre feet
(iv) 25th May to 28th May, 1965	..	..	..	..	..	..	..	323 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.	From Lake Eppalock through Pipeline.	Total.			
			Acre feet.	Acre feet.	Acre feet.	Acre feet.	Acre feet.	Acre feet.	
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
1962-63	..	..	30,114	2,575	..	32,689	30,275	18,394	61
1963-64	..	..	34,573	1,006	1,178	36,757	32,169	19,459	61
1964-65	..	..	101,713	936	6,780	109,429	34,533	22,008	64

APPENDIX F.

**CAPACITIES OF
COMMISSION AND RIVER MURRAY STORAGES
AVAILABLE TO VICTORIA.**

Storage.						Full Supply Reduced Level.	Capacity.	
						Feet	Acre feet.	Acre feet.
<i>Murray System—Capacity in Acre Feet</i>								
Lake Hume	2,500,000	..	636·00 (a)	1,361,420	
Yarrawonga	..	..	..	95,120	..	412·80 (b)	
Torrumbarry	..	..	..	28,900	..	285·00 (c)	
Euston	..	..	..	31,320	..	159·00 (c)	
Mildura	..	..	..	29,360	..	116·00 (c)	
Wentworth	..	..	..	38,140	..	104·15 (c)	
Kow Swamp		2,722,840	272·00	40,860	1,402,280
<i>Kerang North-West Lakes—</i>								
Third, Middle, Reedy, Kangaroo, Racecourse, Charm	(42,100 acre feet below gravitation level.)					244·75	65,200	
						241·00		
						240·25		
						226·50		
Lake Boga (23,750 acre feet below gravitation level)	226·50	29,650	96,850
Lake Cululleraine	..	..	..	..	..	101·00	2,000
<i>Ovens System—</i>								
Lake Buffalo (3,000 acre feet below gravitation level)	868·00	19,500	19,500
<i>Goulburn System—</i>								
Lake Eildon	950·00	2,750,000	3,104,100
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
<i>Campaspe-Coliban System—</i>								
Lake Eppalock	637·00	252,860	315,590
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
	
<i>Loddon System—</i>								
Cairn Curran	684·50	120,600	186,900
Tullaroop (2,200 acre feet below gravitation level)	..	..	..	..	..	733·00	60,000
Laanecoerie	..	..	..	..	..	527·00	6,300
<i>Wimmera-Mallee System—</i>								
Rocklands	644·00	272,000	563,800
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	23,300
Taylor's Lake (1,500 acre feet below gravitation level)	..	..	..	..	..	482·33	30,000
Pine Lake (19,700 acre feet below gravitation level)	..	..	..	..	..	475·00	52,000
Green Lake	..	..	..	..	..	452·50	6,600
Dock Lake	..	..	..	..	..	442·00	4,800
Moora (200 acre feet below gravitation level)	..	..	..	..	..	723·50	5,100
Lower Wimmera Weirs	..	..	..	..	..	..	2,870
Batyo Catyo (Avon Regulator)	..	..	..	..	..	401·00	3,900
Lake Whitton	..	..	..	..	..	375·00	1,300
Township Reservoirs and Mallee Tanks	..	..	..	..	..	..	5,030
	
<i>Maffra-Sale System—</i>								
Lake Glenmaggie	256·00	154,300	154,340
Service Basins (Stratford, Heyfield)	..	..	..	..	..	..	40
<i>Werribee System—</i>								
Pykes Creek	1,306·00	19,400	34,900
Melton	..	..	..	..	..	273·00	15,500
<i>Mornington Peninsula System—</i>								
Devilbend	233·50	11,840	17,640
Lysterfield	..	..	..	..	..	221·50	3,400
Beaconsfield	..	..	..	..	..	340·00	740
Frankston	..	..	..	..	..	255·00	660
Mornington	..	..	..	..	..	244·00	260
Bittern	..	..	..	..	..	250·00	480
Service Basins	..	..	..	..	..	..	260
	
<i>Orway System—</i>								
Service Basins	1,080
<i>Miscellaneous—</i>								
Wonthaggi	238·00	1,550	6,860
Wonthaggi Service Basins	..	..	..	..	..	..	10
Newstead	..	..	..	..	..	806·00	50
Hepburn's Lagoon	..	..	..	..	..	1,720·00	2,300
Newlyn	..	..	..	..	..	1,750·00	2,700
Little River Weir	..	..	..	..	..	..	180
Moorabool River Weirs	..	..	..	..	..	..	70
Available capacity of storages at 30th June, 1965						5,903,840
ADDITIONAL CAPACITY WHICH WILL BECOME AVAILABLE FROM WORKS UNDER CONSTRUCTION								
Lake Bellfield	910·00	63,680	63,680
TOTAL CAPACITY WHEN PRESENT WORKS ARE COMPLETED						5,967,520

(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.

PRIVATE DIVERSIONS OF WATER.

"A" NUMBERS AUTHORIZED.

Purpose of Diversion.	Licences.	Permits.	Agreements.	TOTAL, 1964-65.	Total, 1963-64.
Domestic and Stock	2	2,223	Nil	2,225	2,206
Industrial	6	94	Nil	100	109
Irrigation	1,290	3,608	605	5,503	5,241
TOTAL	1,298	5,925	605	7,828	7,556

"B" AREAS AUTHORIZED TO BE IRRIGATED.

	Licences.	Permits.	Agreements	Total.
	Acres.	Acres.	Acres.	Acres.
Cereals	80	535	18	633
Lucerne	4,617	2,914	555	8,086
Sorghum and Annual Crops	1,018	449	100	1,714
Pastures—				
Native .. ..	..	..	2,107	2,107
Annual .. ..	..	20	7,720	7,740
Perennial	36,523	32,493	16,006	85,122
Vineyards—				
Dried Fruit	2,209	12	..	2,221
Table and Spirit	1,233	80	..	1,313
Orchards—				
Citrus	4,030	60	..	4,090
Others	1,168	370	116	1,654
Market Garden	3,611	12,701	61	16,373
Miscellaneous	1,636	8,314	..	9,950
TOTAL 1964-65	56,125	57,948	26,683	140,756
TOTAL 1963-64	52,902	61,348	25,945	140,195

APPENDIX H.

STAFF AND EMPLOYMENT FIGURES
30TH JUNE, 1963, 1964 AND 1965.

	30th June, 1963.					30th June, 1964.					30th June, 1965.				
	Permanent Divisions.			Total.	Temporary.	Permanent Divisions.			Total.	Temporary.	Permanent Divisions.			Total.	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>															
(i) Staff possessing Professional Qualifications, engaged on Engineering, Draughting, Research and Surveying ..	..	299	65	472	108	..	302	57	494	135	..	309	55	126	490
(ii) Inspectors, Rangers, Water Bailiffs, &c. engaged on district operations and maintenance ..	..	..	433	517	84	..	..	440	533	93	..	..	443	85	528
(iii) Electrical, Mechanical and Plant Supervisors, &c., engaged on construction and plant maintenance..	..	..	16	19	3	..	..	19	23	4	..	..	20	1	21
<i>Accounting and Administration.</i>															
Administrative Officers and Clerical Assistants ..	227	..	53	336	56	333	..	51	331	58	234	..	49	58	341
Machinists, Typists, Messengers, &c. ..	..	..	30	115	85	..	..	34	106	72	..	..	29	80	109
<i>General Staff.</i>															
Chauffeurs, Labourers, &c. ..	..	..	13	24	11	..	..	7	16	9	..	..	7	8	15
Totals ..	227	299	610	1,483	347	222	302	608	1,503	371	234	309	603	358	1,504
<i>Exempt Employees.</i>															
Construction (Day Labour and Contract) ..	..	..	..	772	..	..	..	..	961	..	..	..	..	..	614
District Maintenance ..	..	..	..	1,158	..	..	..	..	1,161	..	..	..	..	..	1,147
Totals ..	..	..	..	3,413	..	..	..	..	3,625	..	..	..	..	..	3,265

(EXCLUDING MELBOURNE METROPOLITAN AREA)

[illegible]

* * *

[illegible]

* Includes half share of Lake Hume and other River Murray works.

[illegible][illegible][illegible][illegible]

* * *

RAL DISTRICTS ADMINISTERED BY COMMISSION—							Number of Districts	Number of Assessments	Population
Irrigation Districts..	..	..	..	..	..	10	15,844	49,530
Waterworks Districts (including rural lands, Coliban System)	..				..	18	21,117	55,654
Flood Protection Districts Under Water Act..			..	..	..	3	1,699* (57)	4,396* (12)
Drainage District	„	„	„	..	..	1	8,250	10,120
Total	..	..	..	..	..	32	46,910	119,700

* * *

Towns with reticulated domestic and industrial pipe supplies—								Towns		Population
Commission .. .. .	..	..	..	..	..	..	..	137	..	198,560
Waterworks Trusts .. .	..	..	..	..	..	..	..	201	..	483,230
Local Governing Bodies		..	..	..	..	..	..	23	..	120,850
Totals .. .	..	..	..	..	..	..	..	361		802,640

APPENDIX I—continued.

SEWERAGE—

(Local Authorities supervised by Commission)—								Authorities	Population
Systems operating	..	..	..	..	..	..	..	56*	519,680
Constituted, not operating	..	..	..	..	..	..	..	24	102,520
Totals	..	..	..	..	..	..	..	80*	622,200

* Includes Geelong Waterworks and Sewerage Trust and Latrobe Valley Water and Sewerage Board.

RIVER IMPROVEMENT AND DRAINAGE—

								Authorities	Total Areas of Districts
R. I. Trusts	..	..	..	..	..	..	..	20	1,221,800 acres
Drainage Trusts	..	..	..	..	..	..	..	4	167,700 acres
Valley Authority	..	..	..	..	..	..	..	1	284,300 acres
* * *									

CAPITAL LIABILITY FOR WATER SUPPLY—

Total to 30th June, 1965—			
Borne by the State	..	..	.. £121,394,232
Borne by Districts, Waterworks Trusts, etc.	..	..	.. £32,480,801
Total	..	..	.. £153,875,033

STATE RIVERS AND WATER SUPPLY COMMISSION.

90 Orrong-road, Armadale, S.E. 3.

COMMISSIONERS

A. L. TISDALL

M.Agr.Sc., F.A.I.A.S.

Chairman.

R. A. Horsfall, M.B.E.,
M.C.E., B.Mech.E., M.I.E.Aust.,
Deputy Chairman.

K. D. Green, O.B.E., E.D.,
B.C.E., M.I.E. Aust., M.I.C.E., F.ASCE.,
Commissioner.

PRINCIPAL OFFICERS AND OFFICERS IN CHARGE OF DIVISIONS, BRANCHES, CENTRES AND WORKS.

ADMINISTRATION.

Secretary	A. H. Rigg, J.P.
Chief Finance Officer	W. J. Dynon, A.A.S.A.
Chief Estates Officer	J. F. Horwood, J.P.
Chief Accountant	T. L. Stack, A.A.S.A., A.C.I.S., R.C.A.
Staff and Industrial Officer	K. L. Hayes
Chief Stores Officer	R. A. Stinton, A.A.S.A.
Chief Valuer	M. R. Fogarty, F.C.I.V.

ENGINEERING.

MAJOR WORKS BRANCH.

Chief Engineer, Major Works C. L. Sanders, L.S., M.I.E. Aust., A.M.I.C.E.

Construction Division.

Chief Constructional Engineer J. H. Standish, B.C.E., M.I.E. Aust.

Project.	Resident Engineer.	Works Accountant.
Central Plant Workshops, Golden Square	L. W. Allen	T. A. Comte, A.A.S.A., A.C.I.S., R.C.A.
Lake Bellfield Dam	D. J. Little, B.C.E., M.I.E. Aust.	L. J. Slavin, A.A.S.A.
Lake Buffalo Dam	R. J. Allen, Dip. C.E., A.M.I.E. Aust.	A. G. Boyd
Goulburn Systems Remodelling, Tatura	R. S. Dickson, B.E., A.M.I.E. Aust.	K. E. Daniel, A.A.S.A.
Numurkah	P. B. Gill, B.E., A.M.I.E. Aust.	B. J. A. Grogan
Rochester .. .. .	.. .. .	C. J. Shaw
Torrumbarry System Remodelling, Kerang	B. K. Willersdorf, Dip. C.E., A.M.I.E. Aust.	W. S. Osborne

Designs Division.

Chief Designing Engineer M. G. Speedie, M.C.E., M.I.E. Aust., F.ASCE.

Surveys Division.

Chief Surveyor R. G. Mason, L.S., F.I.S. Aust., M.A.I.C.

Zone.	Centre.	Superintending Surveyor.
Central and South West Victoria	Melbourne ..	S. C. Saunders, L.S., M.I.S. Aust.
South East Victoria	Heyfield ..	L. O. Codling, L.S., M.I.S. Aust.
North West Victoria	Kerang ..	G. Fricke, L.S., M.I.S. Aust.
North Central Victoria ..	Rochester ..	B. A. Campbell, L.S., A.I.S. Aust.
North East Victoria	Numurkah ..	A. W. Weston, L.S., A.I.S. Aust.
Goulburn Channels Remodelling Project	Tatura ..	K. J. Ward, L.S., M.I.S. Aust.
North East (Hydrographic) ..	Wangaratta ..	M. J. Fayers, L.S., M.I.S. Aust. (Senior Surveyor)
South West (Hydrographic) ..	Hamilton ..	F. T. Ryan (Hydrographer)

Hydrographic Section.

Superintending Surveyor R. E. Holmes, L.S., M.I.S. Aust.

Hydrographer E. E. Bibra, M.B.E., A.I.S. Aust.

Zone.	Centre.	Hydrographer.
North West Victoria ..	Kerang ..	A. G. Keep
South East Victoria	Heyfield ..	K. Grundel
North Central Victoria ..	Tatura ..	G. H. Reynolds
Central Victoria	Camperdown ..	G. G. Nuttall

MECHANICAL BRANCH.

Chief Mechanical Engineer T. S. Moffatt, B.E.E., Dip.Mech.E., A.M.I.E. Aust.

Pumping Stations.	Engineer in Charge.
Lake Boga	E. V. B. Patzl
Millewa	D. P. Roberts (Mechanical Supervisor)
Nyah	M. Miller
Red Cliffs	E. C. G. Larsen
Robinvale	G. C. Bird

RURAL WATER SUPPLIES BRANCH.

Chief Divisional Engineer J. W. Moore, M.I.E. Aust.

Goulburn Division.

Divisional Engineer J. J. Cummins, B.C.E., A.M.I.E. Aust.

Centre.	District Engineer.	District Accounting Officer.
Cobram	L. J. Jansen, Dip. C.E., A.M.I.E. Aust...	S. G. E. Graham
Shepparton	C. G. McCoy, Dip. C.E., A.M.I.E. Aust.	A. T. Hansford
Tatura	J. R. Dunne, B.C.E., A.M.I.E. Aust. ..	S. W. R. Threlfall
Tongala	G. S. Gordon, B.C.E.	C. L. Sinn

Loddon Division.

Divisional Engineer W. E. Bromfield, B.C.E., A.M.I.E. Aust.

Centre.	District Engineer.	District Accounting Officer.
Boort	L. J. Lowery, Dip. C.E.	K. J. Burgess
Cohuna	C. D. Riley, Dip. C.E.	A. R. Beynon
Kerang	H. E. Kilminster, B.Sc., B.C.E., A.M.I.E. Aust.	I. V. Wishart
Pyramid Hill	D. J. Constable, B.C.E., A.M.I.E. Aust.	J. G. McCarthy
Rochester	G. V. Adams (District Officer)	I. H. J. Helman

Southern Division.

Divisional Engineer M. E. Gillard, B.C.E., A.M.I.E. Aust.

Centre.	District Engineer.	District Accounting Officer.
Maffra-Sale	G. W. D. Kermode, B.C.E., A.M.I.E. Aust.	R. J. Burley
Werribee	A. W. Byrnes, B.Agr.Sc., A.M.I.E. Aust.	R. G. Taylor
Kooweerup	H. Clancy (District Inspector)	D. J. Roberts

Wimmera Division.

Divisional Engineer C. A. R. Evans, B.E., A.M.I.E. Aust., Dip. Pub. Admin.

Centre.	District Engineer.	District Accounting Officer.
Birchip	K. R. Barlow, B.C.E.	F. J. Cooper
Hopetoun	B. E. Munro, Dip. C. E., A.M.I.E. Aust.	J. C. Wurf
Horsham	S. R. Carr, M.Sc., B.C.E., A.M.I.E. Aust.	F. J. Nasebandt
Murtoa	R. F. L. Nicolson, Dip. C.E.	B. C. McCannon
Ouyen	C. V. Fletcher (District Officer)	R. C. Lanyon

Mallee Division.

Divisional Engineer A. C. Paul, Dip. C.E., A.M.I.E. Aust.

Centre.	District Engineer.	District Accounting Officer.
Merbein	B. A. Longton, Dip. C.E.	S. K. Smith
Nyah West	A. R. McCallum, A.I.S. Aust. (District Officer)	H. K. Beare
Red Cliffs	A. H. Clegg, Dip. C.E., A.M.I.E. Aust.	L. F. Hayes
Robinvale	R. Bishop (District Inspector)	A. D. Stevenson
Swan Hill	K. G. Pearson, B.C.E., A.M.I.E. Aust.	D. F. X. D. McMahon
Werrimull	A. C. Annand (District Inspector)	

Irrigation Research Section.

Chief Irrigation Officer W. P. Dunk, M.Agr.Sc., M.A.I.A.S.

Water Distribution Section.

Superintendent Water Distribution J. R. C. Venables.

TOWN WATER SUPPLIES AND LOCAL AUTHORITIES BRANCH.

Chief Engineer, Town Water Supplies and

Local Authorities R. H. Richmond, B.C.E., M.I.E. Aust.

Main Urban Supplies Division.

Divisional Engineer E. McD. Walker, B.C.E., A.M.I.E. Aust.

Centre.	Engineer in Charge.	District Accounting Officer.
Bendigo	M. L. King, B.C.E., A.M.I.E. Aust. ..	R. Y. Allinson
Castlemaine .. ..	.. ..	M. G. Stephens
Frankston	B. W. Rombach-Scharp, B.C.E., A.M.I.E. Aust.	D. J. Scarff, A.A.S.A.
Dandenong .. ..	.. ..	W. L. Nott
Wonthaggi	H. J. Kerslake (Inspector)	R. Murphy
Geelong	L. K. Richardson, Dip. C.E., A.M.I.E. Aust.	C. V. Jennings
Camperdown	L. McDonald (District Inspector) ..	J. Dowsey

Rivers and Streams Division.

Divisional Engineer P. E. Olsen, B.E., A.M.I.E. Aust.

Waterworks Trusts and Sewerage Authorities Division.

Divisional Engineer J. D. Lang, B.C.E., M.I.E. Aust.