VICTORIA.

ANNUAL REPORT OF THE SECRETARY FOR WATER SUPPLY

FOR THE

YEAR 1904,

TO

THE HONORABLE GEORGE SWINBURNE, M.P., MINISTER OF WATER SUPPLY FOR VICTORIA,

CONTAINING

REPORT OF THE CHIEF ENGINEER OF WATER SUPPLY FOR THE YEAR ENDED 31ST DECEMBER, 1904; AND A FINANCIAL STATEMENT TO 30TH JUNE, 1905 (END OF FINANCIAL YEAR), BY THE ACCOUNTANT.

PRESENTED TO BOTH HOUSES OF PARLIAMENT BY HIS EXCELLENCY'S COMMAND.

By Authority:

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ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

No. 26,-[1s, 6d,].-6066.

Preparation—Not given. Printing (1,000 copies) Victorian Water Supply,

Treasury Gardens, Melbourne,

17th July, 1905.

The Honorable George Swinburne, Minister of Water Supply.

Sir,--

I have the honour to submit herewith a Report, by the Chief Engineer of Water Supply, for the year ending 31st December, 1904; also a Financial Statement by the Accountant for the year ending 30th June, 1904.

I have the honour to be, Sir,

Your most obedient servant,

W. R. ANDERSON,
Secretary for Water Supply.

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VICTORIAN WATER SUPPLY.

The Water Supply Branch of the Department has the administration of the Water Act 1890 (54 Vict. No. 1156) and the Water Act 1900 (63 Vict. No. 1651) which supersede all previous Acts for the conservation and distribution of water and management of the supply.

These Acts provide for the constitution of Waterworks Trusts, whose primary function is the supply of water for domestic and manufacturing purposes to towns, and for stock and domestic purposes to rural districts; and of Irrigation and Water Supply Trusts, whose function is to provide water for the irrigation of lands within their districts, as well as for stock and domestic purposes, the latter being a primary obligation.

Water supplies under these Acts are administered by-

- (a) Corporations other than trusts i.e., Borough and Shire Councils and Water Commissions which have received from the State advances under the Local Governing Bodies Loan Acts and Mallee Tanks Loans Acts for the construction of works for local domestic supplies. There are 22 of these in existence. (See Appendix No. I.)
- (b) Waterworks Trusts constituted under the provisions of the law dealing with the conservation of water. There are 73 of these, of which 56 are for town supplies only. (See Appendix No. II.); the balance, 17, being rural or mixed rural and urban Trusts. (See Appendix No. III.)
- (c) Irrigation Trusts, 26 in number. (See Appendix No. IV.)
- (d) The Department. The Coliban and Geelong Waterworks, which have been carried out by the State, are directly administered by the Department.
- (e) The Department. National works under Division 10 of Part III. of the Water Act 1890, comprising the Goulburn, Loddon, Broken River, Kow Swamp, Lake Lonsdale, and Kerang Lakes National Works, are also administered by the Department.

WATERWORKS TRUSTS.

During the year, the Wangaratta Trust was constituted. Its supply will be obtained by pumping from the King River into an iron tank of 90,000 gallons capacity, elevated to a height of 100 feet.

Proposals to constitute Waterworks Trusts for the urban supply of Broadford, Cobram, Mildura, Leongatha, Sunbury, Tallangatta, and Yarram are being inquired into.

Proposals for the improvement of the supplies to the towns of Ararat, Avenel, Kyneton, and Violet Town, and to the districts of Shire of Tungamah and Wimmera United Trusts, are receiving consideration.

Additional loans have been granted during the year to Hamilton, Koroit, Shire of Numurkah and Wimmera United Trusts.

Works for the improvement of supplies to Euroa, Hamilton, Koroit, Korumburra, Nagambie, Shep'parton, Swan Hill, Winchelsea, Wimmera United, Wodonga, and Yarrawonga Trusts have been carried out, and are proving satisfactory.

IRRIGATION AND WATER SUPPLY TRUSTS.

No new works of importance have been carried out during the year. The position of these Trusts remains unaltered.

COLIBAN SCHEME.

The Coliban Works supply water for domestic, manufacturing, and mining purposes to the city of Bendigo, the boroughs of Chewton, Castlemaine, Eaglehawk, and Raywood, and the townships of Taradale, Fryers, Maldon, Huntly, and Sebastian; and water for mining, irrigation, and general purposes to the interjacent districts.

The scheme includes two main storage reservoirs on the Coliban River, one at Malmsbury with a capacity of 3,337 million gallons; the other at a point about half-a-mile below the junction of the Little Coliban, with a capacity of 4,100 million gallons; 292 miles of main and branch channels; 26 subsidiary reservoirs and tanks, with an aggregate storage capacity of 1,407 million gallons; 269 miles of main and reticulation pipes, together with flumes, bridges, and minor works.

The amount of loan moneys actually expended on these works to 30th June, 1904, was £1,153,946. For particulars in regard to receipts and expenditure for the year 1903-4 see page 24

the year 1903-4 see page 24.

Extensions of pipe reticulation have been carried out at Bendigo, Eaglehawk, Castlemaine, Chewton, Maldon, and other places.

GEELONG SCHEME.

The Geelong works supply the town of Geelong, the boroughs of Geelong West and Newtown and Chilwell, and portions of the shires of South Barwon, Corio, and Bellarine.

The works include the Upper and Lower Stony Creek Reservoirs, with a joint capacity of 560,000,000 gallons. The supply available from the local catchment is supplemented by water delivered into the upper reservoir by a channel 23 miles in length, from a weir on the Eastern Moorabool River, 4 miles northwesterly of Ballan. From the upper reservoir an open aqueduct, 6 miles in length, conveys the water to a pipe-head basin at Anakie. From the lower reservoir a 9-in. main, $3\frac{1}{2}$ miles in length, joins the outlet pipe from the pipe-head basin in such manner that the supply may be drawn from either the upper or lower reservoir, or both. From Anakie the water is carried through $13\frac{3}{4}$ miles of 14-in. pipes to the Lovely Banks Service Basin, which has a capacity of 6,000,000 gallons; and thence to Geelong by a 16-in. main, and to a high level service basin at Montpelier by a 14-in. main. The main from Anakie is also connected to the main from Lovely Banks to Geelong by a by-pass, so that the supply can, when required, be sent direct to the town from Anakie basin, or from the Lower Stony Creek Reservoir. The reticulation, including the mains from Lovely Banks, comprises 124 miles of piping, with the usual fittings. At Lovely Banks there are settling ponds for the purification of the water by lime precipitation, and an overflow column for regulating the maximum pressure in the mains.

The amount of loan moneys actually expended on these works to 30th June, 1904, was £441,259. For particulars in regard to receipts and expenditure for the year 1903-4 see page 24.

The flumes on the aqueduct from the Upper Stony Creek Reservoir having become unserviceable, it was decided to replace them by wrought-iron syphons. This work is now in progress.

Pipe scraping and other works have been carried out during the year.

GOULBURN-WARANGA NATIONAL WORKS.

These National Works comprise a weir on the Goulburn River, 9 miles above Murchison, a main western channel, with regulators, offtakes, flumes, &c., and the Waranga Storage Reservoir, the construction of which is in progress. The nearest point of the reservoir is about 3 miles north-east of Rushworth. The total cost of the works to date, inclusive of land compensation, is £594,452.

Goulburn Weir.—The weir raises the summer level of the river about 45 feet, i.e., from 363 feet R.L. to 408 feet R.L., and provides an available storage of 900 millions of cubic feet for the channel offtakes. Its length, over abutments, is 695 feet, exclusive of the channel regulators, a further 230 feet. The body of the work

is of Portland cement concrete, faced on the down-stream side with coursed granite blocks in steps, each course being laid upon and notched into that below. The water-way of the weir is occupied by 21 Hood-gates, each 20 feet horizontal by 10 feet vertical in the clear. For the passage of floods these gates are lowered into chambers in the body of the structure, so as to be flush with the crest of the masonry. They are so regulated as to maintain the water impounded by the weir at the raised summer level, 10 feet above the permanent crest. Each gate weighs about 7 tons, and is worked by screw-gearing, the motive power being obtained through three $30\frac{1}{2}$ -in. "Leffel" turbines. Hand-gearing is also provided over each gate, to be available in case of emergency or accident to the shafting. An electric lighting plant comprising a Brush dynamo, belt-driven from a 23-in. "Leffel" turbine, and running five 2,000 candle-power are lamps, is provided for convenience of night work during floods. The heaviest that have passed over the weir since its completion were those of July, 1891, and July, 1894, on both of which occasions the computed discharge was 1,424,000 cubic feet per minute.

Regulators.—Immediately connected with the weir are two regulators for the eastern and western channel offtakes. These are of masonry in continuation of the masonry of the main structure, with cast-iron gate standards, that serve also to carry the bridging across the channel heads. The western regulator is fitted with fourteen, and the eastern with four, centre-pin gates, each 10 feet horizontal by 7 feet vertical in the clear, operated by worm-wheel gearing worked by hand.

Western Main Channel.—On the west side of the river a channel has been

Western Main Channel.—On the west side of the river a channel has been constructed, 24 miles in length, to carry, when running full, 103,000 cubic feet per minute to the Waranga Reservoir. The bed width of the channel is 110 feet; normal side slopes $1\frac{1}{2}$ to 1; and full supply carrying depth 7 feet.

The 600 miles of channels in the Rodney Irrigation, and Echuca and Waranga Waterworks Trusts, are supplied through four offtakes from the National channel.

Waranga Reservoir.—The Waranga Reservoir is being formed by the construction of an embankment $4\frac{1}{4}$ miles long, across the mouth of the broad flat depression known as the Waranga Swamp. The total capacity of the reservoir will be 9,000 millions of cubic feet, whereof 8,600 millions will be available. The depth of water over the greater part of the submerged area of $18\frac{1}{4}$ square miles will be about 20 feet. The main outlet channel will run north-westerly to the Campaspe; a minor outlet channel will serve the country to the north. Contracts amounting to £144,000 are in progress for the inlet, the embankments, and the outlets.

The survey for the main channel westward is advanced to Tandarra; that for the eastward channel is completed to two miles beyond the Broken River.

LODDON NATIONAL WORKS.

Laanecoorie Storage.—This is a regulating reservoir on the Loddon River about half-a-mile above Laanecoorie. Its purpose is to regulate the flow of the river and increase its effective volume by storing the water of floods against those periods when the natural flow would be insufficient. The dam is a compound structure, the portion in the river bed being an overshot weir of concrete masonry, with a line of wrought-iron automatic gates (of the type invented by M. Chaubart) along the crest, for the discharge of floods, while from the weir to the left bank it is in the form of an earthen embankment, protected on the rear slope by stony material, and on the face by broken stone beaching in the lower, and by pitchers of cement concrete in the upper part. The length of the masonry weir is 320 feet, and of the earthen extension 700 feet, the total length of the works over all being 1,020 feet. The outlets consist of four—each 36 inches diameter—circular cast-iron pipes, built into the body of the masonry, each controlled by a valve worked by gearing from a gangway above flood level. The water impounded by the reservoir extends some $5\frac{1}{2}$ miles up the river valley, the available contents to the top of the gates being 610 millions of cubic feet.

The total cost of the work to date, inclusive of land compensation, is £136,674.

Bridgewater Weir.—A work of concrete masonry over the Loddon River, near Bridgewater. It forms, in fact, a kind of cap or continuous crest to a natural barrier of basaltic rock crossing the river at this point. Its function is to aid in diverting water from the river into the Bridgewater channel, which conveys a

supply from the Loddon to the Bullock Creek. This weir, as well as the Kinypanial weir, described hereunder, was constructed by the Loddon United Water Trust, but was subsequently taken over as a National Work by the Board of Land and Works after the Trust district had been greatly reduced by the formation of Irrigation Trusts. The Loddon United Trust was by Act of Parliament relieved of

its liability in respect of these weirs, amounting to £17,000.

Kinypanial Weir.—This weir is a timber structure on the Loddon, near the effluence of the Kinypanial Creek, and its purpose is, in conjunction with the head sluice and cutting that supply the creek, to regulate and control the quantities of water sent into it from the river. By the Kinypanial Creek are sent the supplies to the Boort East and Boort North Irrigation Trusts, and to Johnson's Creek and the Catumnal channel and other natural and artificial lines of conveyance serving portions of the Loddon United Trust District.

KOW SWAMP NATIONAL WORKS.

These comprise an intake and regulator at the effluence from the Murray River of Gunbower Creek, with a direct cut thence into a natural lagoon, known as the Kow Swamp; the Gunbower itself and Taylor's Creek being utilized, as far as possible, by deepening and cutting off bends, as part of the channel of conveyance from the offtake to the storage. The Kow Swamp has been converted into a reservoir, capable of storing 1,780 millions of cubic feet of water, available for summer use. The supply is also carried on from Taylor's Creek by a channel passing along the north side of the reservoir, and thence westerly by the Macorna channel to the Loddon. The reservoir is tapped at its north-western point, and connected by a short branch to the Macorna channel, which thus gets its supply direct from the Murray in winter and from the Kow Swamp storage in summer. The Macorna channel reaches the Loddon at a point about 12 miles south from Kerang, crosses the river by a wrought-iron syphon of 6 feet diameter, and there terminates. total distance, by the course of the works, from the Gunbower intake to the Loddon crossing is 42 miles. The supply capable of being delivered is equal to 10,000 cubic feet per minute during the winter, and 6,300 cubic feet per minute during the summer months. The purpose of these works is to furnish a supply of water for stock and domestic and irrigation purposes to the Lower Loddon district, the demands of which the Loddon River was unable to meet

Various maintenance works have been carried out during the year; the total

cost of the work to date, including land compensation, is £180,006.

Broken River National Works.

Casey's weir and the main channel therefrom to the Broken Creek, and Gowangardie weir and offtake sluice were made National Works by Act of Parliament in 1900. The Trusts concerned were relieved of their liabilities in respect of these works as under:—Tungamah, £4,750; Numurkah, £4,700; and Shepparton, £5,000. In addition to these amounts there has been direct expenditure by the Department to the extent of £403, making the total cost £14,483.

Casey's Weir.—This weir is on the Broken River, about 8 miles below Benalla. It is a concrete masonry structure, resting partly on solid rock, and partly on driven piles. The construction of the weir was carried out by the Shire of Yarrawonga, now the Shire of Tungamah, and the Shire of Shepparton, now the Shire of Numurkah, Waterworks Trusts. The weir serves to divert the water by way of an excavated channel to the Broken Creek, and so through the shires of

Benalla, Tungamah, and Numurkah.

The main channel leading from the weir to the Broken Creek is 55 chains

in length, with a bed width of 9 feet, and side slopes 1 to 1.

Gowangardie Weir.—This weir was built by the Shire of Shepparton Waterworks Trust; it is situated about 15 miles below Casey's weir, measuring in

a straight line, and about 2 miles below the township of Nalinga.

The weir and head sluice are constructed of concrete masonry on a rock foundation. The water of the river is backed up by the weir, and passes through the head sluice and down a formed channel into the district of the Shire of Shepparton Waterworks Trust. The flow of the water in the channel is regulated by means of a gate in the head sluice. The weir is furnished with a compensation notch through which the supply passes to the lower river.

KERANG LAKES NATIONAL WORKS.

The Kerang lakes extend in a chain in a north-westerly direction from Kerang to the Murray. The principal are Reedy Lake, Lake Charm, Cullen's Lake, Kangaroo Lake, and Lake Tutchewop. In years of plentiful rainfall they were occasionally supplied by the waters of the Loddon, which were diverted for the purpose at the Kerang weir. But during the period between 1894 and 1899, partly because of the exceptional dryness of the seasons, and partly because portions of the diverting works were destroyed by floods, the quantity of water diverted was insufficient to make good the natural loss by evaporation, and consequently several of the lakes became dry.

A sum of £10,000 having been provided in 1900 by Loans Application Act No. 1629, the following works were carried out:—

The notch of the weir in the Loddon, at Kerang, was widened, and the crest lowered, with the object of reducing the height of water above the weir at flood times.

Regulating weirs were constructed in the Sheepwash and Washpen Creeks, and the latter was cleared and deepened.

Supply channels were constructed to all of the lakes, and an overflow channel from Lake Tutchewop to the Little Murray River; the works being completed in 1901.

During this year, the lakes were all filled, and besides water for stock and domestic purposes, considerable supplies for irrigation were afforded.

The total cost of the works to date, including land compensation, is £9,515.

MALLEE WATER SUPPLY.

Upper Wimmera Storages.—The Lake Lonsdale Reservoir was completed in the early part of last year. It is formed by a dam $1\frac{1}{2}$ miles in length, constructed across the Little Wimmera River, and the low ground adjacent, at the outlet from the lake. On the left bank of the river, the dam is of earth, with an inner corewall of clay, extending northward for a length of 7,695 feet from the high ground on the northern slopes of Mount Dryden to the river. The river channel is crossed by a rubble concrete masonry weir, 310 feet long, with its crest at 617 feet, R.L. A by-wash has been excavated on the right bank of the river, in the rocky spur of Mount Drummond, with a waste weir 325 feet in length. The capacity at full supply level is 1,981 million cubic feet, and it submerges an area of about 6,000 acres to an average depth of 7ft. 7in., the maximum depth being 15 feet. It was filled during last year, and again this year. The whole of the land required has not yet been purchased, but it is expected that the total cost, including land compensation and all charges, will not exceed £50,000.

At Eversley, on the Upper Wimmera, surveys and borings in connexion with the investigation of a site for a storage reservoir have been completed. The site has been found suitable for the proposed reservoir, which would have a capacity of 2,250 million cubic feet, and would cost about £145,000. The work is, however, postponed owing to funds not having been yet made available.

In the meantime, it has been ascertained that the Upper Wannon River vaters, from a catchment area of 44 square miles, can be diverted to the Mokepilly Creek, and through it to Lake Lonsdale. A trial survey is now in progress.

A preliminary investigation has been made of a scheme for regulating the flow of the Wimmera River, above Gleuorchy weir, by works including a small reservoir near the weir, whereby the divertible volumes of flood waters could be very considerably increased.

Morton Plains System.—That portion of the Sea Lake channel which extends from Birchip to Sea Lake has proved of great value. It drains the plains around Birchip, and in its course supplies Garrett's Swamp, Round Swamp, Green Lake, and Sea Lake.

Channels have been constructed from Morton Plains to the Birchip end of the Sea Lake channel, and from the Richardson River at Donald to Morton Plains, thus making a continuous channel from Donald to Sea Lake. Branch channels have been constructed as under:—On the east: From the Donald-Sea Lake channel at Morton plains, $vi\hat{a}$ Tchum Lakes, to Kaneira; from the same channel at Marlbed to Berriwillock and Boigbeat; and from the latter branch near Boigbeat to the Nine Mile Tank on Tyrrell Creek. On the west: From the Donald-Sea Lake channel, near Watchem, $vi\hat{a}$ Ballapur and Watchupga, to within three miles of Woomelang on the south side; and from the same channel at Slattery's, $vi\hat{a}$ Banyan and Myall, to Tyrrell West. The flood overflow channel from Lake Lalbert to Lake Timboram, near Waitchie, has been defined. Eleven tanks, of capacities varying from 5,000 to 10,000 cubic yards, have been excavated along these channels.

Long Lake Pumping Scheme.—This scheme, as authorized by the Long Lake Water Supply Act (2 Ed. VII., No. 1808), is now completed. It provides a supply of water for stock and domestic purposes to part of the Eastern Mallee, comprising an area of about 600 square miles. The sources of supply are Long Lake, Lake Baker, and Round Lake, which are situated in the parish of Kunat Kunat, county of Tatchera, and are filled during flood times by overflow from the Little Murray. The scheme comprises a powerful pumping plant on the west bank of Long Lake, capable of discharging 3,000,000 gallons per day; a rising main, 18 inches in diameter and 7½ miles long, extending westerly to Goschen, 120 feet above low water of the lakes; and main distributary channels therefrom, running northerly a distance of 40 miles to Tyntynder North, westerly 27½ miles to Ultima, and southerly 18 miles to Lalbert. The total cost of the scheme, as designed, has not exceeded the £27,500 allotted for it. The original scheme provided that the minor distributaries, or branch channels, should be constructed by the settlers at their own cost. This arrangement was found to be impracticable, and a further sum of £7,000 was provided to construct the more important of the minor distributaries. No time will be lost in the location and construction of these. The main distributary channels were in operation during the year, and were found to carry the flow very successfully. It is certain that when the area is properly reticulated and tanks of sufficient size are provided, the scheme will prove of very great value in assuring an ample stock and domestic water supply, so much so that already there are indications of a desire on the part of outside holders to be included in the area.

Lower Wimmera Storages.—For the better conservation of water for the benefit of residents along the Lower Wimmera, it was decided to construct a series of timber weirs at Jeparit, Antwerp, Dimboola, and Drung Drung. These have now been satisfactorily completed, and the storages are in full operation. The storages, which have a total combined capacity of 125,000,000 cubic feet, are a valuable addition to the water resources of the district, and their successful establishment has given much satisfaction. Their total cost has been £8,578.

Advances to Shires.—Further works have been carried out during the year, particularly by the Karkarooc Shire, in excavating and constructing tanks in the Mallee with loan moneys made available under the Mallee Tanks Acts.

FIRST MILDURA TRUST.

The total expenditure of loans to date, inclusive of advances in aid of revenue, is £58,700.

The Trust has 169 miles of channels, about 65 of which are now lined with lime concrete. Minor works for the improvement of channels have been carried out during the year.

BORING FOR WATER.

No boring for artesian water has been carried out by the Department during the year.

Boring in search of surface supplies is being carried on in the Shires of Arapiles, Castle Donnington, Dunmunkle, Lawloit, Stawell, and Waranga by means of hand-boring plants. The plants are lent by this Department free of cost, the Shires undertaking to return them when required, in good working order. All railway freight is borne by this Department. The Shires lend the plants to farmers, who have already found several valuable supplies.

RIVER GAUGING.

This work embraces the continuous gauging of 34 streams, at about 66 points. Besides these, numerous gaugings of channels connected with National Works, and of those constructed by Irrigation and Waterworks Trusts, and of various streams proposed as sources of supply for mining and other purposes have been, and are from time to time being, undertaken. The results of all gaugings are available at this office for the use and information of Irrigation and Waterworks Trusts and others interested.

ANALYSIS OF WATER.

Analyses and biological examinations of water, supplied from the works under the direct control of the Board of Land and Works, and from other sources, are made from time to time by the Government Agricultural Chemist. Trusts nay have samples examined on application to the Department.

A may showing the principal irrigation and rural water supply works in the State appears after page 38.

STUART MURRAY, Chief Engineer of Water Supply.

Department of Water Supply, Melbourne, 17th July, 1905.

APPENDIX No. I.

Loans to Corporations other than Trusts.

				Advanc	oul t			Reduc	ed by-		<u>-</u>	Balance		ebit	In t ere		
Corporati	on.			31st Dec	emb		Written of by Act 169		Payme Redemp 31st Dec 190	tion emb	to	Capital A at 31st De 190	Acco ecem		Outstan 31st Dece 190	mb	
				£	s.	d.	£ s.	d.	£	s.	d.	£	8.	d.		8.	d.
Arapiles Shire	•••			3,600	0	0			767	0	0	2,833	0	0	156	0	0
Ararat Borough	•••	•••	•••	45,500	0	0	18,266 0	0	976	0	0	26,258	0	0	•••		
Ballarat Commission	•••	•••	•••	351,169	0	0	2,110 0	0	27,861	0	0	321,198	0	0	•••		
Beechworth Shire	•••	• • •	•••	30,182	0	0	5,958 0	0	3,602	0	0	20,622	0	0	• • • • • • • • • • • • • • • • • • • •		
Birchip Shire	•••	•••	•••	2,669	0	0			190	0	0	2,479	0	0	•••		
Borung Shire	•••	•••	•••	9,059	0	0	•••		735	0	0	8,324	0	0			
Chiltern Shire	•••	•••	•••	5,008	0	0	508 0	_	637	0	0	3,863	0	0	78	0	0
Clunes Borough	•••		•••	70,195	0	0	6,239 0	0	195	0	0	7,605	0	0	153	0	0
Creswick Borough	•••	• • • •	•••	3,500	0	0			3,500	0	0			_ /			
Dimboola Shire	•••		•••	2,566	0	0			192	0	0	2,374	0	0	•••		
Dunolly Borough	•••	•••	•••	2,190	0	0			779	0	0	1,411	0	0	28	0	0
Inglewood Borough	•••	•••		5,150	0	0			1,516	0	0	3,634	0	0	73	0	0
Karkarooc Shire	•••	•••	•••	14,879	0	()			601	0	0	14,278	0	0			
Kerang Shire	•••		•••	2,313	0	0			108	0	0	2,205	0	0	•••		
Korong Shire	• • •	•••	•••	1,564	0	0			378	0	0	1,186	0	0	24	0	0
Ripon (Beaufort) Shi	re	•••	•••	3,000	0	0			1,262	0	0	1,738	0	0	35	0	0
Stawell Borough	•••	•••	• • •	108,506	0	0	61,661 0	0	2,974	0	0	43,871	0	0	886	U	U
Swan Hill Shire	•••	• • • • •	• • •	3,887	0	0	 .		337	0	0	3,550	0	9		0	0
Talbot Borough	•••	•••	•••	15,000	0	0	13,986 0	0	38	0	0	976	0	0	20	U	U
Tarnagulla Borough	•••	B-04	•••	800	0	0			133	0	0	667	0	0		0	Λ
Wimmera Shire	•••	•••		4,630	0	0			1,901	0	0	2,729	0	0	5 5	0	0
Wycheproof Shire	•••	•••	•••	2,445	0	0	•••		159	0	0	2,286	0	0			
		Totals		687,812	0	0	164,884 0	0	48,841	0	0	474,087	0	0	1,508	0	0

APPENDIX No. II.

Loans to Waterworks Trusts administering Town supplies only.

												Re	dη	ced by-			Inte	rest	Ŀ
:	Name	of Trus	st.		Advand 31st Dec 190	em		Writte by Act 1625	N		Payme Redem to 3 Decer 190	nptie Blst mber	n	Balance debit of Ca Account 31st Decen 1904.	pit a t		outsta	ndi st nbe	ng
Alexandra					£	s. 0	<i>d</i> .	£	ε.	d.	£ 68		d. 0		3.	d.	£ 66	s . 0	$\overset{d}{0}$
4 1	••	••	••	••	3,859 1,684	0	ö	••			129		0	3,291 $1,555$	ŏ	0	31	ő	ŏ
n. 11		••		••	1,100	ŏ	ŏ	•••			214		ŏ		ŏ	ŏ	18	ŏ	ŏ
D 11-		·		• • •	15,579	ŏ	ő	•••			2,511		ŏ		ŏ	ŏ	264	ŏ	ŏ
	••	••	•••		1,150	ŏ	ö	150	0	0	25		ŏ	975	ŏ	ŏ	20	ŏ	ŏ
2-1-1-1			••		2,990	ő	0			-	236		ŏ	2,754	0	0	56	Õ	0
Carisbrook .				••	8,400	0	0	2,400	0	0	150		0	5,850	0	0	118	0	0
Charlton			••		7,877	0	0	887	0	0	22		0	6,968	0	0	179	0	0
Dandenong					19,129	0	0	5,128	0	0	263	0	0	13,738	0	0	207	0	0
Daylesford Boro	ough				27,000	0	0	3,139	0	0	985		0	22,876	0	0	461	0	0
Donald		• •			8,166	0	0	1,166	0	0	167		0		0	0	138	0	0
Echuca Borougl	h			••	13,150	0	0	• • •			1,165		0		0	0	242	0	0
		• •		• •	4,000	0	0				271		0		0	0	75	0	0
				••	17,242	0	0				920		0	16,322	0	0	328	0	0
T 214	• •	• •	• •		4,668	0	0			i	782		0	3,886	0	0	78	0	0
r - 1	•	• •	••	••	36,900	0	0				704		0	36,196	0	0	731	0	0
		• •	• •	• •	4,661	0	0				397		0	4,264	0	0	86	0	0
Heathcote . Horsham Borou	orb	• •	• •		7,394 17,713	0	0	7 710	0	0	266		9	7,128	0	0	144 195	0	0
		••	• •	• •		0		7,712	()	U	316		0 1	9,685	0				0
***	• •	••	••	• •	4,000	0	0				56		0		0	0	80 268	0	0
7 1	• •	• •	• •	• •	14,148 11,492	0	0				1,528 289		6	$12,620 \\ 11,203$	0	ŏ.	208	U	9
r		••		••	5,047	ŏ	ŏ	2,047	0	0	75		ŏl	2,925	ő	ŏ	59	0	0
iyabra m	• •	• •		••	507	ŏ	ŏ	2,047	v	٠	92		ŏΙ	415	ŏ	ŏ	8	ŏ	ŏ
Avneton Shire	••		••		26,680	ŏ	ŏ				7,604		ŏl	19,076	ŏ	ŏ	385	ŏ	ŏ
				٠	7,082	ŏ	ŏ				291		ŏΙ	6,791	ŏ	9	137	ŏ	ŏ
**********		••			2,741	ŏ	ŏ						ľΙ	2,741	Õ	0	35	ŏ	ŏ
					2,400	0	0	550	0	0	46	0	o	1,804	0	0	36	Ö	Ō
dacedon .				••	2,600	0	0				128	0	οl	2,472	0	0	50	0	0
fansfield .					7,931	0	0				611		0	7,320	0	0	148	0	0
				••	76,257	0	0	9,200	0	0	1,779		0	65,278	0	0			
			• •		3,053	0	0	1,400	0	0	54		0	1,599	0	0	32	0	0
			• •		2,800	0	0				12		0	2,788	0	0	99	0	0
	• •	• •	••	• •	2,775	0	0		_		303		0	2,472	0	0	50	0	0
	• •	• •	••	• •	10,068	0	0	2,482	0	0	188		0	7,398	0	0	149	0	9
ineo	• •	• •	••	••	3,982	0	0	405	0		285		o	3,697	0	0	75	0	0
Riddell's Creek Rochester		• •	• •	••	3,500	0	0		0	0	72 105		0		0	0	59 21	0	0
	• •	• •	• •	••	1,300 4,700	0	0	• • • • • • • • • • • • • • • • • • • •			786		0		0	0	79	0	0
	• •	••	• • •	••	4,500	0	0				16		0	4.484	0	0	90	0	0
2 - 4 b 1			••	• •	16,485	0	0				342		0	16,143	ŏ	0	326	ő	0
Seymour .	• •			••	27,959	0	0				1.105		ŏ	26,854	ŏ	0	542	ő	ŏ
Shepparton Urb	nan		••	• •	18,731	0	ő	2,416	0	0	1.098		ŏ	15,217	ŏ	ő	042	·	0
shire of Winche				• • •	3,922	ő	0	2,710	v	v	98		ا ۃ	3,824	ŏ	ŏ	77	0	0
st. Arnaud Bor					44,800	0	ŏ	15,077	0	0	620		ŏl	29,103	ŏ	ő	588	ő	ŏ
* *****	ougn			::	3,988	0	ő	10,011	•		47		ŏl	3,941	ŏ	ŏ	79	ŏ	ŏ
atura		•••		• • • • • • • • • • • • • • • • • • • •	2,847	ŏ	ŏ	650	0	0	233		ŏ	1,964	ŏ	ŏ	40	ŏ	ŏ
Jpper Macedon		•••			1,300	ŏ	ŏ		-		266		ŏ.	1,034	ŏ	ŏ	21	ŏ	ŏ
iolet Town					2,850	ŏ	ŏ				99		ŏ.	2,751	ŏ	ŏ	55	ŏ	ŏ
Vangaratta					5,628	ŏ	ő						1	5,628	ō	ŏ	98	ŏ	ŏ
Varracknabeal		••	••		4,116	Ö	0				367	0	0	3,749	Ó	0	76	0	0
Varraambool .					38,500	0	ō				1,022	0	o i	37,478	0	0	256	0	Ö
Vodonga .				• • •	7,722	ō	ō				192	0	0	7,530	0	0	154	0	0
Voodend .			••		7,663	0	0				1,999		0	5,664	0	0	114	0	0
Yarrawonga U	rhan				8,860	0	0				1,188		0	7,612	0	0	154	0	0
Yea		••			3,816	0	0				26	0	0	3,790	0	0	77	0	0
					<u> </u>				-				_						
Totals .					598,852	0	0	54,901		0	32,613		0	511 ,33 8		0	7,954	0	0

APPENDIX No. III.

Loans to Waterworks Trusts administering Water Supplies to Rural or Mixed Rural and Urban Districts.

Name of T	'rust.		Advan 31st Dec 190	em		Written Act No.			Paymen	its to	debit of	Cap unt cem	pita)	Decen	adii st abe:	ng
			£	8.	d.	£	s.	d.	£	s. d.	£	8.	d.	£	8.	d.
Avoca United			9,569	0	0	2,494	0	0	265	0 0	6,810	0		139	0	0
			5,694	0	0					0 0	4,669	0	0	97	0	0
			4,905	0	0					0 0	4,811	0	0	97	0	0
Kowree			2,707	0	0	٠			68	0 0	2,639	0	0	53	0	0
Lawloit			12,095	0	Θ				302	0 0	11,793	0	0	238	0	0
Loddon Tinited			21,771	0	Ö	1,717	0	0			20,054	0	0	3,697	Õ	0
Tames Chi.			11,680	Õ	ŏ	-,				0 0	11,386	0	0	230	ŏ	0
Shire of Kara Kara .			7,343	ō	ŏ					0 0	7,159	ō	0	145	ŏ	Ō
Shire of Kerang .			1,200	o	ŏ	.,				0 0	1,178	ñ	0	24	Õ	Õ
Shire of Numurkah .			22,743	ŏ	ŏ		0	0		0 0	19,295	ő	Õ	391	ŏ	ŏ
Shire of Shepparton .			17,548	ŏ	ŏ			ŏ		ŏ ŏ	15,331	ŏ	ŏ	310	ŏ	
Shire of Stawell .		•••	1,370	ŏ	ŏ			ŏ		ŏŏ	10,001	0	~	l	3	U
Shire of Tungamah .			12,241	ő	ŏ	200				ŏŏ	11,908	0	0	240	0	0
St. Arnaud Shire		::	7,486	ő	ő					ŏŏ	6,599	ő	ŏ	161	ő	0
United Echuca and Wara			70,369	0	0	34,748	0	0		0 0	34,088	ő	ő	1,690	0	0
Winnmous Timited	-		142,844	ő	0		ŏ	ň		0 0	106,130	ő	ő	2,066	0	ő
Wrohenneef		• •	8,990	ŏ	0			ŏ		0 0	7,571			153	0	0
wycneproof	•	• •	0,000	v	U	100	٠.			. 0	1,071		0	100	U	U
Totals .			360,555	0	0	79,053	0	0	10,081	0 0	271,421	0	0	9,731	0	0

Appendix No. IV.

Loans to Irrigation and Water Supply Trusts.

							Í	Re	duce	ed by			Inte	resi	;	
Name of Tru	18 t.	Advanc 31st Dece 1904	mber,	Written Acts 1625 an	Nos	١. ٽ	Paymer Redempt 31st Dec 190	tio em	n to	Balan debit of Accou 31st Dec	Car nt em	oita a t	Decer	st nbe	•	
Tragowel Plains Twelve-mile Wandella Werribee Western Wimmera		# 13,906 31,439 12,926 61,700 25,732 151,213 1,704 21,566 5,889 14,025 15,130 6,043 18,557 14,477 2,300 123,903 24,800 12,300 30,754 6,000 213,943 6,000 213,943 6,262	s. d. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	£ 8,906 23,439 7,200 52,685 7,732 93,968 686 64,86 14,866 2,543 8,082 9,076 149,949 19,799 6,300 124,534 3,250 20,929		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	173 204 227 50 512 293 142 2	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	0 0 0 0 0 0 0	£ 97 157 340 181 1,545 3,000 244 292 281 55 49 429 429 1,425 13 100 1,320 1,306 64 294 3,872 1,591		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Wat ala		1,083,927	0 0	712,371				0		363,815		<u> </u>	17,936	_	_	

Department of Water Supply,
Melbourne, 31st December, 1904.

WATER SUPPLY LOANS.

STATEMENTS SHOWING THE POSITION AT 30TH JUNE, 1904, WITH REGARD TO LOANS RAISED FOR AND EXPENDED BY THE WATER SUPPLY DEPARTMENT.

In the preparation of these statements care has been taken to avoid technicality as far as possible, and endeavour made to render them in a form that can be readily understood—the object being to show the position clearly and distinctly, so that any one desiring to follow the various transactions may do so without effort or fear of misconception. At the same time, some elaboration has been necessary in the statements bearing on Advances to Bodies, in order to clearly set out the writings off of Capital and Interest by Act No. 1625 in 1899, and the Transfers of Works at various times.

For the sake of easy reference, the statements have been divided into distinctive parts, as follow:—

PART I.—SUMMARY.

General Summary of Transactions in connexion with Water Supply Loans to 30th June, 1904. (Page 16.)

PART II.—LOANS RAISED AND EXPENDED.

- (a) Original Loans issued to obtain funds for expenditure, and Renewal Loans, issued to redeem original loans at maturity, showing under each Act the gain by way of premium or the loss by way of discount and expenses, as the case may be. (Pages 17 and 18.)
- (b) Reconciliation of Water Supply Loan Expenditure with the Treasury. (Page 19.)
- (c) The Services upon which the Moneys raised have been Expended, with apportionment of premiums, discount, and expenses, and redemption contributions. (Page 19.)
- (d) Advances to Bodies (a sub-statement of (c)—the liability of Department on account of loans raised, and in contrast the liability of Bodies to Department, showing the position—(1) had there been no writing off; and (2) allowing for the writing off. (Page 20.)

PART III.—INTEREST PAYABLE ON LOANS.

- (a) The Amount of Loans outstanding at 30th June, 1904, at the different rates of interest, and the total interest payable at each rate. (Page 21.)
- (b) The like Information under each Service to which the moneys raised have been applied. (Page 22.)
- (c) Interest on Advances to Bodies (a sub-statement of (b)—the interest payable by Department on account of loans raised and advanced to Bodies, and that payable to Department by Bodies, showing the interest payable—(1) had there been no writing off of capital; and (2) on the written down capital. (Page 23.)

- PART IV.—RECEIPTS AND EXPENDITURE (INTEREST, MAINTENANCE, ETC.) "LOAN WORKS," 1903-4, AND WATER SUPPLIED FREE FROM "LOAN WORKS," 1903-4.
 - (a) Receipts from and Expenditure (for Interest, Maintenance, and Management) in connexion with Loan Works during year 1903-4. (Page 24.)
 - (b) Area over which Water is supplied free to Bodies for Irrigation and for Stock and Domestic purposes. (Page 24.)

PART V.—EXPENDITURE FROM CONSOLIDATED REVENUE DURING 1903-4.

- (a) For Investigation and Reports on proposed Loan Works, and for part cost of supervision of construction of "Loan Works." (Page 25.)
- (b) For Extension of Reticulation in connexion with the Coliban and Geelong Systems. (Page 25.)

PART VI.—APPENDICES.

- A.—Details of Transactions with each Body, embraced in the headings "Local Bodies," "Waterworks Trusts," "Irrigation, &c., Trusts," "Mallee Shires," and "First Mildura Irrigation Trust"—Part II. (d). (Pages 27-31.)
- B.—Details of Transfers of Liabilities from Bodies to Bodies appearing in A. above. (Pages 32-33.)
- C.—Details of Transfers of Liabilities (appearing in (A) above) from Bodies to "Loan Works" under the control of Department. (Page 34.)
- D.—Present Apportionment, varied from original distribution, through Transfer of Works, of the £100,000 grant (Act No. 760) to Waterworks Trusts for construction of Headworks. (Page 35.)
- E.—Details of Grants to Local Bodies (in early days) from Loan Funds. (Page 36.)
- F.—Details of the Bodies referred to under general headings in Part III. (c), from which interest liability was written off under Act No. 1625, showing amount of relief afforded in each instance. (Page 37.)
- G.—Return, in cubic feet, of Water supplied free during year 1903-4, to Bodies against which Area supplied free is shown in Part IV. (b). (Page 38.)

The statements bearing on Water supplied to Bodies free of charge, Part IV. (b) and Part VI., G., have been introduced for the purpose of showing that there is a substantial set-off, in the form of service rendered, to the heavy annual charge (for Interest, Maintenance, &c.) on certain Loan Works from which the receipts are merely nominal.

M. MINOGUE, Accountant,

Mines and Water Supply Department.

WATER SUPPLY DEPARTMENT.

LOANS.-30th JUNE, 1904.

SUMMARY.

Original Loans-		£	£
Cash realized, as per next page			5,724,546
Discount and Expenses on Flotation, as per next page		. 131,288	
Premiums off (as per next page)		2,588	к.
			128,700
Debentures, Stock, and Treasury Bonds issued, as per	iext page		5,853,246
Renewal Loans—			
Debentures, Stock, and Treasury Bonds issued to take up original maturity	ginal loan 	s at 2,347,864	
Original Debentures and Stock taken up at maturity		2,277,115	i
Increase of Debt (Amount absorbed for Discount and Expenses)	, as per n	ext page	70 ,7 49
Present Liability (gross) for Debentures, Stock, and Treas	sury Bon	ds issued,	5,923,995
	sury Bon	ds issued, 	5,923,995 5,923,995
as per next page			5,923,995
as per next page	 dated Sto	ck Redemption	5,923,995
as per next page	 dated Sto	ck Redemption	5,923,995
Present Liability (gross) as above	 dated Sto	ck Redemption	5,923,995 128,860 5,795,135

WATER SUPPLY DEPARTMENT.

LOANS.-30th JUNE, 1904.

	Act Form Rate of Interest Year Issued	287. Debentures. 6 %. 1865-1869. London.	332. Debentures. 5 %. 1869-1872. Melbourne.	531. Debentures. 4 %. 1876. London.	428, 439, 74 1015, 1369 Stock. 4 %. 1873-1896. Melbourne.	Deber 4½ . 1879	%. -1880.	611. ebentures. 4 %. 1879. felbourne.	717. Debentures and Stock. 4 %. 1883. Londou.	760. Debentures and Stock. 4 %. 1884. London.	805. Stock. 4 %. 1885. London.	845. Stock. 4 %. 1886–1888. London.	989, &c.* Stock. 3½ %. 1889–1891. London.	1032. Stock. 3½ %. 1890. London.	1217. Stock. 3½ %. 1892. London.	1562. Stock. 3 %. 1902. London.	1623. Stock. 3 %. 1899–1904. Melbourne.	1659. Debentures. 3 %. 1900–1901. Melbourne.	1753. Debentures. 3 %. 1902. Melbourne.	1800. Treasury Bonds. 3½ %. 1902–1904. Melbourne.	Totals.	Plus or Minus.		Liability (Gross) at 30th June, 1904, on Account of Debentures, Stock, and Treasury Bonds Issued.
ORICINAL Loans.	Cash realized (inclusive of premium) Premium Discount and Expenses Debentures, Stock, and	£ 492,705 7,295	£ 154,159 274	£ 553,629 34,491	£ 641,703 447	114	£ .,400 2'	£	£ 508,380 12,614	£ 114,649 2,314	£ 186,729 4,142	£ 975,000	£ 316,439• 8,561	£ 395,499 4,501	£ 299,978 33,355	£ 282,074 17,926	17,000 	£ 96,463 3,537	£ 40,425 3,168	£ 257,989	£ 5,724,546 2,588 131,288	+ - +	6	£
	Treasury Bonds	500,000	153,885		(2,277,115)		,635 27	77,325	520,994	112,335	190,871	975,000	325,000	400,000	333,333	300,000	17,016	100,000	43,593	257,989	5,853,246		Original Loans	5,853,246
	Act Form Rate of Interest Year Issued Where Issued	1196. Stock. 3½ %. 1891. London.	1296. Debentures. 4 %. 1893. Melbourne.	1560. Stock. 3 %. 1901. London.	1468. Stock. 3 %. 1897–1898. Melbourne.	(a) 1560. (b) 1847.† (a) Stock. (b) Treasury Bonds. (a) 3½ %. (b) 4 %. 1903. London.	1901. Debentur 3 %. 1904. Melbourn	res.									 							
RENEWAL J Loans.	Cash realized and paid over in Redemption of Original Loan (above)	£ 500,000	£ 153,885	£ 588,120 59,784	£ 642,150	£ 114,609 10,965	1,026 27	£ 7,325													70,749	+	Renewal Loans— Increase of Liability	70,749
I	iability (Gross) at 30th June, 1904	500,000	153,885		642,150	125,574	278,351	1	520,994	112,335	190,871	975,000	325,000	400,000	333,333	300,000	17,016	100,000	43,593	25 7, 989				5,923,995

[†] Will have merged into Act No. 1560 by 31st December, 1905.

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PART II. (b).

WATER SUPPLY DEPARTMENT

LOAN EXPENDITURE TO 30th JUNE, 1904.

Water Supply Expenditure to 30th June, 1904, as per Treasurer's Finance Statement, 1903-4, £8,803,314 pages 111, 112 ... Deduct Yan Yean, i.e., Loan Expenditure by Government on Metropolitan Supply Works prior to handing over to Melbourne and Metropolitan Board of Works 3,142,578

Water Supply Expenditure (exclusive of Yan Yean) as per first column below . . £5,660,736

PART II. (c).

WATER SUPPLY DEPARTMENT

30th June, 1904.

LOANS AND REDEMPTION CONTRIBUTIONS.

Shown under Services for which Money raised.

Service.	Cash Expended.	Cash Raised but not yet Expended.	Deduct Premiums on Flotation of Original	Discount ar on Flo Original	dd Expenses tation.	Total Cost to Department.	Redemption Contributions (Paid into Treasury).	Linbility Of Department.
		i	Loans (proportion).	Loans (proportion).	Loans (proportion).			
	£	£	£	£	£	£	£	£
Coliban Works*	1,153,946		157	23,738	24,104	1,201,631		1,201,631
Geelong Works*	441,259		405	8,926	5,608	455,388	١	455,388
Goulburn Works*	560,592			11,051		571,643	l	571,643
Loddon Works*†	150,805			2,790		153,595	l	153,595
Kow Swamp Works *	179,261			8,006		187,267	l	187,267
Broken River Works *	14,853		l			14,853		14,853
Mallee Works*	134,021		·	3,200		137,221		137,221
North-west Lakes (Kerang)						,		
Works*	9,400			420		9,820	l	9,820
Campaspe River (Langworner	,							,
Storage-Survey)	1,113	i			,.	1,113		1,113
Glenelg River (Moora Moora			ĺ	''	, ,	_,	''	
Storage-Survey)	1,427					1,427		1,427
Werribee River (Ballance	-,	''		''		1,12.	"	1,12,
Storage—Land and Survey)	14,857		l			14,857	l	14,857
Avoca River (Repairs to Weirs,	11,00	ļ	•••		••	11,00.		11,001
&c.)	9,873					9,873	į	9,873
Preliminary Surveys	26,975		1	269	••	27,244	••	27,244
Grants to Bodies (early days)‡	45,154	••	7	1,039	1,119	47,305	•••	47,305
Grants for Construction of Head-	40,101	••	•	1,000	1,110	41,000	•••	11,000
works—§	ì					ì		
Waterworks Trusts	72,219	1	1,458		!	70,761		70,761
T ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	24,983	•••	505	••	, ••		•••	
T 11 TT 1		• •	56	••	• • •	$24,478 \\ 2,742$	••	24,478
Loddon Works	2,798	•••	90	• •	•••	2,742		2,742
	2,843,536		2,588	59,439	30,831	2,931,218		2,931,218
Administration Dedica II		••			39,918	2,931,213 2,927,752	199 960	
Advances to Bodies	2,817,200	• •	• • •	70,634	39,910	2,921,152	128,860	2,798,892
	5,660,736		2,588	130,073	70,749	5,858,970	128,860	5 720 110
Delegal but not got ownereded	1 '	63,810					,	5,730,110
Raised, but not yet expended		05,610		1,215		65,025		65,025
		ر						
	5,72	4, 546	2,588	131,288	70,749	5,923,995	128,860	5,795,135
	<u></u>		! !					

6066.

^{*} For description of Works see Chief Engineer's Report, pages 5-10.

† See also under "Grants for Headworks" below.

‡ For details, see Appendix E. (page 36).

§ £100,000 made to Waterworks Trusts for construction of headworks. Certain of the works were afterwards taken over by Irrigation, &c., Trusts and Loddon National Works, hence the present apportionment.

§ See next page for details and for liability of bedies to Department.

Part II. (d).

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WATER SUPPLY DEPARTMENT.

LOANS.-30th JUNE, 1904.

ADVANCES TO BODIES.

	DEPARTMI	ENT'S LL	ABILITY	ON ACCOUN	T OF LOA	NS RAISED.	В	ODIES' LIA	ABILITY TO	DEPARTME	NT.*
		Cost to I	epartment	t.	Redemp- tion Contri-		,			Liability.	
Name of Body.	Cash Advanced.	Discon Expen Flot		Total.	butions received from Bodies and	Liability at 30th June, 1904.	Advances as per First Column.	Paid to Redemp- tion as per Fifth Column.	True Lia- bility (i.e., if no writing	Act 1651	The Lia- bility at 30th June,
		Original Loans.	Renewal Loans.	ļ	paid into Treasury.				off).	wrote off.	1904, stood at—
	£	£	£	£	£	£	£	£	£	£	£
Local Bodies Waterworks	646,053	18,841	36,893	701,787	79,626	622,161	646,053	79,626	566,427	163,759	402,668
Trusts Irrigation, &c.,	979,615	26,230	3,025	1,008,870	40,794	968,076	979,615	40,794	938,821	169,997	768,824;
Trusts	1,095,291	20,855		1,116,146	6,418	1,109,728	1,095,291	6,418	1,088,873	724,777	364,096
(Tanks)	37,541	1,363		38,904	2,022	36,882	37,541	2,022	35,519		35,519
First Mildura Ir- rigation Trust	58,700	3,345		62,045		62,045	58,700		58,700		58,700
	2,817,200	70,634	39,918	 2,927,752	128,860	2,798,892	2,817,200	128,860	2,688,340	1,058,533	1,629,807

- * For Details of each Trust or other Body concerned, see Appendix A. (pages 27-31).
- † Local Bodies are liable for £41,522, "Capitalized Interest" in addition.
- \ddag Waterworks Trusts are liable for £6,871, " Capitalized Interest" in addition.

SUMMARY.

Bodies' Liability	• •	••									£1,629,807
Department bears	in addition-	_									
Discount and	Expenses on	Original	Loans						£70,634		
,, ,,	,,	Renewal	Loans					••	39,918		
										£110,552	
Loan Liability	from which	h Bodies	relieve	d (writin	g off),	but for	which	State is, of	course,		
responsible t	to Stock, &c	., holders			• •	••	• •	••	• •	1,058,533	3
									-		1,169,085
Department's Li	ability		• •						• •		£2,798,892

PART III. (a).

WATER SUPPLY DEPARTMENT.

LOANS.—30th JUNE, 1904.

LOANS AND RATES OF INTEREST.

Loans Issued and Interes	et Pavable		Total.	·- ·-	Bearing Interest at-	
Loans Issued and Interes				3 per cent.	3½ per cent.	4 per cent.
		!	£	£	£	£
London		••	4,431,011	947,904	1,631,397	1,851,710
Redemption deducted			128,860	103,919	24,941	••
		!	4,302,151	843,985	1,606,456	1,851,710
Melbourne		••	1,492,984	1,081,110	257,989	153,885
		i de la companya de l	5,795,135	1,925,095	1,864,445	2,005,595

ANNUAL INTEREST ON ABOVE LOANS.

	Wh	ere Payable.		Total.	3 per cent.	3½ per cent.	4 per cent.
				£	£	£	£
London	••		 	155,614	25,320	56,226	74,068
Melbourne			 •••	47,618	32,433	9,030	6,155
				203,232	57,753	65,256	80,223

PART III. (b).

WATER SUPPLY DEPARTMENT.

30th June, 1904

LOANS AND ANNUAL INTEREST.

Shown under Services for which Moneys raised.

Service.	Loan Liability	Bea	ring Interest a	t		Annual Intere	st Payable.	
Set vice.	of Department.	3 per cent.	3½ per cent.	4 per cent.	3 per cent.	3½ per cent.	4 per cent.	Total.
	£	£	£	£	£	£	£	£
Coliban Works	1,201,631	630,098	359,484	212,049	18,903	12,582	8,482	39,967
Geelong Works	455,388	208,340	125,843	121,205	6,250	4,404	4,848	15,502
Goulburn Works	571,643	22,191	340,868	208,584	666	11,930	8,343	20,939
Loddon Works*	153,595	1,923	80,373	71,299	58	2,813	2,852	5,723
Kow Swamp Works	187,267	20,578	158,769	7,920	617	5,557	317	6,491
Broken River Works	14,853	5,000		9,853	150		394	544
Mallee Works	137,221	64,279	72,942		1,928	2,553		4,481
North-west Lakes (Kerang)			,		,	,		,
Works	9,820	8,341	1,479		250	52		302
Campaspe River (Langworner		,,,,,	_,					
Storage—Survey)	1,113			1,113			44	44
Glenelg River (Moora Moora	,			,				
Storage—Survey)	1,427			1,427			57	57
Werribee River (Ballanee	_,,			_,				
Storage—Land and Survey)	14,857			14,857			594	594
Avoca River (Repairs to Weirs,	11,007			!		,		
0 \	9,873			9,873			395	395
Preliminary Surveys	27,244	• •	10,203	17,041		357	682	1,039
Grants to Bodies (early days)	47,305	17,671	26,508	3,126	530	928	125	1,583
Grants for Construction of Head-	41,505	11,011	20,500	0,120	000	1	120	1,000
works† —						1		
777 1 M	70,761			70,761		İ	2,830	2,830
		• • •		24,478	• •	• • •	980	980
Irrigation Trusts	24,478	• •	•••		• • •		109	109
Loddon Works	2,742	• •		2,742	• • •	i _ :	109	100
	9 021 919	978,421	1,176,469	776,328	29,352	41,176	31,052	101,580
11 / D.T. 4	2,931,218		640,959	1,228,052	25,332 $27,897$	22,434	49,122	99,453
Advances to Bedies‡	2,798,892	929,881	040,555	1,220,002	21,001	22,101	10,122	33,130
	5 720 110	1,908,302	1,817,428	2,004,380	57,249	63,610	80,174	201,033
Dained had not not and a land	5,730,110	, ,	47,017	1,215	504	1,646	49	201,030 $2,199$
Raised, but not yet expended	65,025	16,793	47,017	1,210	504	1,0±0	49	2,135
	5,795,135	1,925,095	1,864,445	2,005,595	57,753	65,256	80,223	203,232

^{*} See also under "Grants for Headworks," below.
† £100,000 (including £2,019 premium) made to Waterworks Trusts for construction of headworks. Certain of the works were afterwards taken over by Irrigation, &c., Trusts, and Loddon National Works, hence the present apportionment.
‡ See next page for details.

PART III. (c).

WATER SUPPLY DEPARTMENT.

30th June, 1904.

ADVANCES TO BODIES.—LOANS AND ANNUAL INTEREST.*

·	ANNUAL I	NTEREST LIABILIT	PAYABLE Y AT 30TH	BY DEPAR JUNE, 1904	TMENT	ANNUAL INTEREST PAYABLE TO DEPARTMENT BY BODIES ON THEIR LIABILITY AT 30TH JUNE, 1904.							
	Net Liability for	Ве	aring Intere	st at			· -		Loan Liability	·	Annual Interest		
Name of Body.	Loans Issued (Cost to Department less Redemption Contributions) See page 20.	ì	3½ per cent.	4 per cent.	Annual Interest.	Advanced by Department. See page	Redemption Contributions by Bodies.	True Liability on which Interest would be payable if nothing written off.	But as Act 1625 and Act 1651 wrote off—	The Liability on which Interest is payable is—	Liability to Department at 30th June, 1904.		
Local Bodies	£ 622,161	£ 457,598	£ 70,506	£ 94,057	£ 19,958	£ 646,053	£ 79,626	£ 566,427	£ 163,759	£ †402,668	£ 16,106		
Waterworks Trusts	968,076	176,462	170,517	621,097	36,106	979,615	40,794	938,821	169,997	†768 , 824	30,753		
Irrigation, &c., Trusts	1,109,728	207,430	389,400	512,898	40,368	1,095,291	6,418	1,088,873	724,777	†364,096	14,564		
Mallee Shires (Tanks)	36,882	31,049	5,833	••	1,136	37,541	2,022	35,519		‡35 , 519	1,066		
First Mildura Irrigation Trust	62,045	57,342	4,703	•• .	1,885	58,700		58,700	••	†58,700	2,348		
	2,798,892	929,881	640,959	1,228,052	99,453	2,817,200	128,860	2,688,340	1,058,533	1,629,807	64,837		

[•] For interest liability written off in 1899 by Act 1625, see Appendix Y (page 37).

† Bodies.—Redemption—annual charge of \(\frac{1}{2}\) per cent. on principal sum advanced. Interest—4 per ceut. on balance of principal outstanding.

† Mallee Shires.—A constant amount of \(\frac{1}{2}\) per cent. per annum is charged on principal sum advanced. Of the annual payment, 3 per cent. on balance of principal outstanding is applied as interest, and the balance towards redemption. Five per cent. is charged on arrears.

NOTE.—Interest and redemption are payable half-yearly by all bodies.

⁽See Part II. (d), page 20—Summary for Explanation of difference between amount on which Department pays interest and that on which Bodies pay interest.)

(A) and (B).

PART IV. (A) AND (B).

WATER SUPPLY DEPARTMENT.

Year, 1903-4.

LOAN WORKS.

(A) Receipts and Expenditure for year; (B) Area over which Water is supplied free of charge to Irrigation, &c., Trusts, Waterworks Trusts, and Mallee Shires from "Loan Works."

Loddon Works				(A).			(B).*				
Paid information Paid inform		RECEIPTS.		EXPEND	ITURE.		Water Suppl	ied free of char	rge to Bodies.		
Treesury County	Name.	Pailing	Defrayed by	Treasury from	Consolidated	Revenue.	Irrigation, and Stock and Domestic	Stock and Domestic	Tutol		
Coliban Works		to Credit of Consolidated	Loans and Expense of Paying	and Management (including Proportion of Department and	and	Total.	Irrigation Trusts.	Waterworks Trusts and Mallee Shires.	Area served free of		
Coliban Works				Minister).			Served.	Served.	ļ .————		
Geelong Works		£	£		£		acres.	acres.	aeres.		
Geelong Works	Colibau Works	28,279		11,299	623	52,225					
Goulburn Works			15,627	4,261	353	20,241					
Loddon Works	/ t 11			2,734				1	569,000		
Row Swamp Works				554					649,000		
Broken River Works				2,371					82,000		
Mallee Works 66 3,922 4,397 8,319 3,100,000 3,100,000 50									573,000		
North-west Lakes Works				4,397		8,319		3,100,000	3,100,000		
Campaspe River (Langworner Storage)									50,000		
Storage		10							,,,,,,		
Storage Stor			45			45					
Storage Stor			10		••			.,	••		
Werribee River (Ballanee Storage)			58			58			: [
Storage		• • •	0(1		••	0	· · ·		••		
Avoca River (Repairs to Weirs) Preliminary Surveys Grants to Bodies (in early days) Grants for Construction of Headworks — Waterworks Trusts Loddon Works Advances to Bodies— Local Bodies Local Bodies Local Bodies Irrigation Trusts Irrigation, &c., Trusts Irrigation Trusts 17,206\$ Waterworks Trusts 18,885 Waterworks Trusts 18,886 Waterworks Trusts 18,886 Waterworks Trusts 18,887 Waterworks Trusts 18,888 Raised, but not yet expended Interest on 108,803 108,803 203,906 28,266 976 233,148 Raised, but not yet expended Interest on 1,817		95	603	İ		603]				
Preliminary Surveys		0.0		1	••				•••		
Grants to Bodies (in early days) 1,602 1,602 Grants for Construction of Headworks — 2,867 2,867 Waterworks Trusts 993 993 Irrigation Trusts 993 110 Loddon Works 110 110 Advances to Bodies— 17,206\$ 21,677 136 21,813 Waterworks Trusts 33,551\$ 36,825 921 37,746 Irrigation, &c., Trusts 14,997\$ 40,830 602 41,432 Mallee Shires 1,102 1,103 212 1,315 First Mildura Irrigation Trust 1,878 10 1,888 Raised, but not yet expended Interest on 400 1,817 1,817		• •			••			1	••		
Grants for Construction of Headworks 2,867 2,867 2,867 2,867 3,874 3,874									••		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		• • •	1,002		• • •	1,002		••			
Waterworks Trusts 2,867 2,867							ĺ				
Irrigation Trusts		I	0 907			2.867	ļ	!			
Loddon Works		• •	/			,	l) •• i		
Advances to Bodies— Local Bodies		•••		• • •				1	• •		
Advances to Bodies— 17,206\$ 21,677 136 21,813 Waterworks Trusts 33,551\$ 36,825 921 37,746 Irrigation, &c., Trusts 14,997\$ 40,830 602 41,432 Mallee Shires 1,102 1,103 212 1,315 First Mildura Irrigation Trust 1,878 10 1,888 Raised, but not yet expended Interest on 400 1,817 1,817	Loddon Works	• •	110	• •	• •	110		• •	· ·		
Advances to Bodies— 17,206\$ 21,677 136 21,813 Waterworks Trusts 33,551\$ 36,825 921 37,746 Irrigation, &c., Trusts 14,997\$ 40,830 602 41,432 Mallee Shires 1,102 1,103 212 1,315 First Mildura Irrigation Trust 1,878 10 1,888 Raised, but not yet expended Interest on 400 1,817 1,817		41 947	101 503	26.385	976	128.954					
Local Bodies	Advances to Rodics	41,341	101,555	20,000	010	120,001					
Waterworks Trusts . 33,5518 36,825 921 . 37,746		17 9069	91 677	136		21.813	j				
Irrigation, &c., Trusts 14,9978 40,830 602 41,432					• •						
Mallee Shires					• •		l		!		
First Mildura Irrigation Trust 1,878 10 1,888											
Raised, but not yet expended Interest on I											
Raised, but not yet expended \ 1,817 1,817 1,817	First Mildura Irrigation Trust	· · ·	1,878		• •	1,000					
Raised, but not yet expended \ 1,817 1,817 1,817		108 803	200,000	28.266	976	233,148	i				
Interest on 1,817 1,611	Raised but not yet expended		203,906	20,200							
11001050 011		400	1,817	••		1,817		• •	• •		
100 202 205 723 22 266 076 234 965 903 000 4 120 000 5 023 0	inverces on										
109.205 205.425 26.200 370 254,305 305,000 4,120,000 5,025,00		109,203	205,723	28,266	976	234,965	903,000	4,120,000	5,023,000		

^{*} For quantity supplied free of charge in 1903-4, see Appendix G (page 38).

† Scheme in course of construction; when completed will command a much greater area.

‡ Includes area of Echuca and Waranga Waterworks Trust, which is practically an Irrigation Trust.

§ Includes a considerable amount of arrears.

| Includes twelve months' interest on Act No. 608 liability (matured during year), and six months' interest on portion of liability taken up by Act No. 1560—3} per cent.

⁽Note.—Under the provisions of the Water Act 1890 (No. 1156), Irrigation Trusts drawing supplies from National Works were required to jointly pay interest on cost of construction of the works. Section 103 of Act No. 1651 relieved the Trusts of the charge.)

Part V. (a) and (b).

WATER SUPPLY DEPARTMENT.

Year, 1903-4.

CONSOLIDATED REVENUE DEFRAYED.

(In addition to Interest, Maintenance, &c., as per previous page.)

(\mathbf{A})

INVESTIGATION AND REPORTS ON PROPOSED LOAN WORKS AND SUPERVISION OF CONSTRUCTION OF LOAN WORKS.

Expenditure defrayed by Treasury out of Consolidated Revenue during the year.

In connexion with —								
					!			
G-11 W- 1						£		
Coliban Works			•	• •	• •	606		
Geelong Works				• •	• •	220		
Goulburn Works						915		
Loddon Works						5 3		
Kow Swamp Works						54		
Broken River Works						44		
Mallee Water Supply Works						646		
Month to leave						63		
W7 4 1 7D 4			• •	• •	• •	870		
		•	• •	• •	• •			
Irrigation, &c., Trusts		•	•	• •	• •	328		
Mallee Shires		•			• •	96		
Local Bodies						123		
First Mildura Irrigation Trust			• •	••	••	15		
						4,033		

 (\mathbf{B})

EXTENSION OF RETICULATION.

Expenditure defrayed by Treasury out of Consolidated Revenue during the year on extension of reticulation Coliban and Geelong systems—

									æ
Coliban	• •	• •	• •		• •	••	• •	••	.801
Geelong				• •		••	• •	• •	402
								-	
									1,203
								_	

APPENDICES.

APPENDIX A.

WATER SUPPLY DEPARTMENT.

Loan Money.-30th June, 1904.

ADVANCES TO BODIES-LOCAL BODIES.

		Add Liabilities	Deduct Liabilities transferred to	Deduct Liabilities	Total	Deduct Redemption.	LIAB	SILITY TO ST	FATE.
Name	Original Advances.	fransferred from Other Bodies.	Waterworks Trusts on Account of Works handed over (see page 32).	transferred to National Works.	Loan Advances.	Contributions Paid into Treasury.	True Liability (i.e, if no Writing off).	But as Act 1625 Wrote off—	The Liability at 30th June, 1904, Stood at—
_		_							
	£	£	£	£	£	£	£	£	£
Arapiles Shire	3,600	• • •	• •	• •	3,600	767	2,833	10.000	2,833
Ararat Borough	45,500	. ••	• •	• •	45,500	841	44,659	18,266	26,393
Ballarat Water Com-	200 200	:			900 900	07.001	001 400		001 4004
mission	309,300	• •	• •	• •	309,300	27,861	281,439	- 0-0	281,439*
Beechworth Shire	28,926	• • •		• •	28,926	3,549	25,377	5,958	19,419*
Bet Bet Shire	1,000	• •	• •	• •	1,000	15	985	985	0.0044
Chiltern Shire	4,500	• •	• •	• •	4,500	628	3,872	508	3,364*
Clunes Borough	70,195	• •	• •	• •	70,195	176	70,019	62,395	7,624
Creswick Borough	3,500	• •	16,000+	• •	3,500	3,500	• •		• •
Daylesford Borough	16,000	• •	16,000†	• •	• •			• •	
Dunmunkle and St.	F 000				F 000	~ 0004			
Arnaud Shires	5,000	• •	• •	• •	5,000	5,000‡	1 415	• •	
Dunolly Borough	2,190		10.500	• •	2,190	775	1,415		1,415
Hamilton Borough	12,000	• • •	10,500	• •	1,500	1,500	• •	• •	٠.
Huntly Shire	500	• •	••	• •	500	500‡	0.050	• •	0.050
Inglewood Borough	5,150	• •	• •	• •	5,150	1,497	3,653	• •	3,653
Korong Shire	1,564		2011	• •	1,564	375	1,189	• •	1,189
Newham Shire	5,000		3,844	• •	1,156	1,156	• •	• • •	••
Ripon (Beaufort)	3,000				2 000	1 050	1.749		1.740
Shire			3,094	• •	3,000	1,258	1,742	• •	1,742
Rutherglen Borough	3,228		11,858†	• • • • •	$134 \\ 142$	$\begin{array}{c} 134 \\ 142 \end{array}$	• •	• •	••
St. Arnaud Borough	12,000 108,506	• •	' '	• •			106,320	61.001	44.650
Stawell Borough Talbot Borough	15,000			• •	108,506 15,000	$\frac{2,186}{36}$	14,964	61,661 $13,986$	44,659
	800	• •	• • •	• •	800		670	· ′	978
Tarnagulla Borough	6,000			• •	6,000	130 1,100		• •	670
Wangaratta Borough	28,890	• •		• •	. /		4,900	• •	4,900
Wimmera Shire	20,090				28,890	26,154‡	2,736		2,736
!	691,349		45,296		646,053	79,280	566,773	163,759	403,014
Add to Redem	ption Colu	ımn and d	leduct from	Liability	Columns				
amount paid Interest " and	by Dayles	ford Borou	igh on acco	unt of " Ca	apitalized	+ 346	— 346		_ 346
					646,053	70.000	566,427		
	691,349		45,296		6/16/053	79,626	566 407	163,759	402,668

606**6**.

PART VI. APPENDIX A. Waterworks Trusts.

PART VI.

APPENDIX A—continued.

WATER SUPPLY DEPARTMENT.

Loan Money.—30th June, 1904.

ADVANCES TO BODIES—WATERWORKS TRUSTS.

		Add Liabilities transferred	Deduct Liabilities transferred to Irrigation,	Deduct Liabilities transferred			LIAB	ILITY TO ST	FATE.
Name.	Original Advances.	from Local Bodies and Other Waterworks Trusts on account of Works taken over (see page 32).	dc., Trusts, and Other Waterworks Trusts on account of Works handed over (see pages 32 and 33).	to National Works Cost of Works handed over (see page 34).	Total Loan Advances.	Deduct Redemption Contributions Paid into Treasury.	True Liability (i.e., if no Writing off).	But as Act 1625 Wrote off—	The Liability at 30th June, 1904, Stood at—
	£	£	£	£	£	£	£	£	£
Alexandra	3,359				3,359	59	3,300		3,300
A *** a ** = 1	1,684				1,684	125	1,559		1,559
Avener ,	16,186	•••	6,617	•••	9,569	90	9,479	2,494	6,985
Bacchus Marsh	8,000	• •	8,000	••					
D = 11 = v=	1,100	••	0,000		1,100	212	888		888
D 11	15,579	• •	• •	· ·	15,579	2,472	13,107		13,107
Bet Bet Shire	5,694	• •	• •	• • •	5,694	882	4,812		4,812
Birchip	· ·	4,905	• •		4,905	74	4,831		4,831
Boort	1,000	150	• •	••	1,150	23	1,127	150	977
Borough of Daylesford	8,207	16,000*	• •	•••	24,207	926	23,281	3,139	20,142*
Dl4	2,990	ŕ	• •	••	2,990	228	2,762		2,762
Carisbrook and Ma-	2,000	••	• •		2,000		2,. 02		1 2,.02
•	849		436	!	413	413			l
Oi-bal-	7,964	436			8,400	135	8,265	2,400	5,865
O114	1,260	6,617	• •	••	7,877	22	7,855	887	6,968
D 1	19,128		• •	••	19,128	236	18,892	5,128	13,764
Dandenong Donald	1,000	7,166		••	8,166	149	8,017	1,166	6,851
Echuca Borough	13,150				13,150	1,132	12,018		12,018
Elmore	4,000				4,000	261	3,739		3,739
Euroa	17,011			!	17,011	882	16,129		16,129
Gisborne	4,668				4,668	770	3,898		3,898
Hamilton	26,400	10,500		::	36,900	613	36,287		36,287
Healesville	4,661			::	4,661	386	4,275		4,275
Heathcote	7,394			::	7,394	248			7,146
Horsham Borough	17,713				17,713	296		7,712	9,705
Kerang	3,500	500		:	4,000	46	3,954	ļ	3,954
Kerang Shire	0,500	1,200		::	1,200	19	1,181		1,181
Kilmore	14,148				14,148	1,528	12,620		12,620
Koroit	5,047	::			5,047	68	4,979	2,047	2,932
Korumburra	11,492			!	11,192	260	11,232		11,232
Kowree		2,707			2,707	61	2,646	· • •	2,646
Kyabram	507				507	91	416	·	416
Kyneton Shire	26,680	:			26,680	7,538	19,142		19,142
Lancefield	7,083				7,083	273	6,810		6,810
Lawloit	· .	12,095		·	12,095	272	11,823		11,823
Lilydale	845				845		845	• •	845
Loddon United	45,389	1,275	11,101	13,791	21,772	·	21,772	1,717	20,055
Longwood	2,400				2,400	42	2,358	550	1,808
Lowan Shire	33,906		22,226		11,680	265	11,415		11,415
Macedon	2,600				2,600	122	2,478	••	2,478
Mansfield	7,931				7,931	591	7,340		7,340
Maryborough	76,257			·	76,257	1,611	74,646	9,200	65,446
Mooroopna	3,053				3,053	50	3,003	1,400	1,603
Murchison	2,800				2,800	12	2,788	·	2,788
Nagambie	2,775				2,775	296	2,479		2,479
Carried forward	435,410	63,551	48,380	13,791	436,790	23,779	413,011	37,990	375,021

^{*} Dayle ford Borough Waterworks Trust - £2,794, "Capitalized Interest," was transferred to this Trust, in addition to above.

APPENDIX A—continued.

Advances to Bodies—Waterworks Trusts—continued.

		Add Liabilities transferred from	Deduct Liabilities transferred to Irrigation,	Deduct Liabilities transferred		Deduct	LIAB	ILITY TO ST	ATE.
Name.	Original Advances.	Local Bodies and Other Waterworks Trusts on account of Works taken over (see page 32).	&c., Trusts, and Other Waterworks Trusts on account of Works handed over (see pages 32 and 33).	to National Works Cost of Works handed over (see page 34).	Total Loan Advances.	Redemption Contributions Paid into Treasary.	True Liability (i.e., if no Writing off).	But as Act 1625 Wrote off—	The Liability at 30th June, 1904, Stood at—
	£	£	£	£	£	£	£	£	£
Brought forward	435,410	63,551	48,380	13,791	436,790	23,779	413,011	37,990	375,021
Nhill	2,644*	7,424		10,.01	10,068	169	9,899	2,482	7,417
Omeo	3,979				3,979	276	3,703		3,703
Riddell's Creek	3,500	.,			3,500	64	3,436	497	2,939
Rochester	1,000	••			1,000	102	898		898
Romsey	4,700	, ,			4,700	775	3,925		3,925
Rushworth	4,500				4,500	5	4,495		4,495
Rutherglen	13,391	3,094			16,485	301	16,184		16,184
Seymour	27,959				27,959	1,035	26,924		26,924
Shire of Kara Kara	771	6,667	95		7,343	165	7,178		7,178
Shire of Numurkah	32,437	4,303	9,298	4,700†	22,742	1,950	20,792	1,376†	19,416
Shire of Shepparton	15,500	7,048		5,000†	17,548	800	16,748	1,376†	$15,\!372$
Shire of Stawell	1,370	••			1,370	1,120	250	250	, , , , , , , , , , , , , , , , , , ,
Shire of Tungamah	29,073	• •	12,082	4,750†	12,241	303	11,938	†	11,938
Shire of Winchelsea	3,922				3,922	88	3,834	'	3,834
Shepparton Urban	15,126	$2,\!417$			17,543	1,059	16,484	2,416	14,068
St. Arnaud Borough	28,769	11,953‡			40,722	546	40,176	15,077	25,099
St. Arnaud Shire	30,956		23,470		7,486	887	6,599		6,599
Swan Hill	2,688	1,300			3,988	38	3,950		3,950
Swan Hill Shire	51,210§		14,254	913	36,043		36,043	36,043	
Tatura	2,847				2,847	227	2,620	650	1,970
United Echuca and			i i		<i>'</i>				
Waranga	125,795		55,426		70.369	1,445	68,924	34,748	34,176
Upper Macedon	1,300				1,300	263	1,037		1,037
Violet Town	2,850				2,850	91	2,759		2,759
Warracknabeal	2,348	1,769			4,117	357	3,760		3,760
Warrnambool	38,500				38,500	926	37,574		37,574
Wimmera Shire	56,391		56,391	·	, .				
Wimmera United	211,346	3,508	72,142		142,712	161	142,551	36,392	106,159
Wodonga	7,722		į		7,722		7,722		7,722
Woodend	3,819	3,844			7,663	1,981	5,682		5,682
Wycheproof	600	8,390			8,990	698	8,292	700	7,592
Yarrawonga Urban	1,188	$7,\!612$			8,800	1,166	7,634		7,634
Yea	3,816				3,816	17	3,799		3,799
	1,167,427	132,880	 291,538	${29,154}$	979,615	40,794	938,821	169,997	 768,824

^{*} Nhill—£2,744 advanced originally but £100 not required was repaid.

The above were included in the amounts written of from the Trusts under Act No. 1625, but as the Weirs were afterwards taken over as National Works (Act 1651, Section 104, and Second Schedule), the amounts have been placed in the Liabilities transferred to National Works column.

£291,537 19 4

[‡] St. Arnaud Borough Waterworks Trust -£4,077, "Capitalized Interest," transferred to this Trust in addition to above.

[§] Swan Hill Shire—£51,296 8s. 2d. advanced originally, but £86 15s. 6d. not required was repaid.

PART VI.

APPENDIX A.

Irrigation, &c.

Trusts.

PART VI.

APPENDIX A—continued.

WATER SUPPLY DEPARTMENT

Loan Money.--30th June, 1904.

ADVANCES TO BODIES—IRRIGATION, ETC., TRUSTS.

		Add Liabilities transferred from Waterworks Trusts	Deduct Liabilities transferred to Other	Deduct Liabilities transferred to	Total	Deduct Redemption	LIAB	ILITY TO S	FATE.
Name.	Original Advances.	and Other Irrigation, &c., Trusts on account of Works taken over (see page 33).	Irrigation, &c., Trusts on account of Works handed over (see page 33).	National Works on account of Works handed over (see page 34).	Loan Advances.	Contributions paid into Treasury.	True Liability (i.e., if no Writing off).	But as Acts 1625 and 1651 Wrote off—	The Liability at 30th June, 1904, Stood at—
	£	£	£	£	£	£	£	£	£
Benjeroop and Mur-	1				1				•
rabit	$12,936 \pm$		١		12,936	64	12,872	7,200	5,672
Bairnsdale	31,439		i	٠.	31,439	180	31,259	23,439	7,820
Bacchus Marsh	5,906	8,000			13,906	160	13,746	8,906	4,840
Boort East	20,977	590	· · ·		21,567	142	21,425	14,866	6,559
Boort North	5,732	1,246			6,978	31	6,947	4,867	2,080
Campaspe	62,000				62,000	203	61,797	52,685	9,112
Carrum	25,732				25,732		25,682	7,732	17,950
Cohuna	149,330	1,883			151,213	512	150,701	93,968	56,733
Dookie	630				630		630	630	
Dry Lake	1,100	604			1,704	275	1,429	686	743
Emu Valley	8,166				8,166		8,166	8,166	
Gunbower West	5,889				5,889		5,889		5,889
Harcourt	1,142	••			1,142	30	1,112	1,112	
Kerang East	$12,\!564$	1,461			14,025	18	14,007	6,984	7,023
Koondrook and Myall	14,026	٠			14,026	34	13,992	12,080	1,912
Leaghur and Meering	4,445	598			5,043	59	4,984	2,543	2,441
Lerderderg	447				447		447	447	·
Macorna North	4,883	14,373	699		18,557		18,557	8,082	10,475
Marquis Hill	12,997	1,480			14,177	. 2	14,475	9,076	5,399
Millewa	973				973		973		973
Pine Hills	679	1,372			2,051		2,051	2,051	
Rodney	$167,\!372$	55,426			222,798	2,153	220,645	149,949	70,696
South Kerang	77	556			633	5	628		628
Swan Hill	24,800				24,800	19	24,781	19,799	4,982
Torrumberry North	12,300				12,300		12,300	6,300	6,000
Tragowel Plains	167,846	9,849	14,637	3,209	159,849	144	159,405	$124,\!534$	34,871
Twelve Mile	4,750	300			5,050	14	0,000	3,250	-1,786
Wandella	28,800	2,503	549	• •	30,754	105	30,649	20,929	9,720
Werribee	6,000				6,000		6,000		6,000
Western Wimmera	94,345	119,599			213,944		212,130	132,835	79,295
Yatchaw	6,262		••	• •	6,262	104	6,158	1,661	4,497
	894,545	219,840	15,885	3,209	1,095,291	6.418	1,088,873	724 777	364,096

APPENDIX A—continued.

WATER SUPPLY DEPARTMENT.

Loan Money.—30th June, 1904.

ADVANCES TO BODIES—MALLEE SHIRES.

	Name.		!	Loan Advances.	Deduct Redemption Contributions Paid into Treasury.	Liability to State at 30th June, 1904.	
					£	£	£
Birchip .					2,669	160	2,509
Borung .					9,059	600	8,459
Dimboola .				;	2,566	178	2,388
Karkarooc .				!	14,602	524	14,078
Kerang .					2,313	95	2,218
Swan Hill (for	merly	Castle	Donning	ton)	3,887	306	3,581
Wycheproof					2,445	159	2,286
	_				37,541	2,022	35,519

ADVANCES TO BODIES—FIRST MILDURA IRRIGATION TRUST.

Loan Advances	 	 	£58,700
Redemption Fund Contributions	 	 	Nil
Liability to State at 30th June, 1904	 	 	£58,700

APPENDIX B.

WATER SUPPLY DEPARTMENT.

30th June, 1904.

TRANSFER OF LIABILITIES.

Statement of Liabilities transferred to date to Waterworks Trusts from other Waterworks Trusts and from "Local Bodies."

Form (of Li	abilit	y taken over.		6		F	o r m	of Liability har	ıded	over by-		
To St	ate		To State	Waterworks Trusts charged	Waterworks Trusts and Local Bodies Relieved.	Water Tru	worl	KS	1	ocal.	Bodies.	_	
For "L Advan	oan '	' 	For "Capitalized Interest."		Loval Bodies Reneved.	To State for "Loan" Advances.			To State for " Loan ' Advances.	,	To State for "Capitalized Interest."		
£	ε.	d.	\mathfrak{L} s. d.			£	8.	d.	£ s.	d.	${ t £}$ s .	d.	
6,617	0	0	••	Charlton	Avoca Waterworks Trust	6,617	0						
150	0	0	• •	Boort	Loddon United Waterworks Trust	150	0	0					
436	0	0		Carisbrook	Carisbrook and Majorca Waterworks	436	0	0					
	11	5		St. Arnaud Borough	Trust Kara Kara Shire Waterworks Trust	94	11	5					
7,424 12,095		1 11		Nhill Lawloit		22,226	7	7					
2,707 2,416 6,881	$\begin{array}{c} 2 \\ 12 \\ 0 \end{array}$	$\begin{bmatrix} 7 \\ 5 \\ 0 \end{bmatrix}$	• • • • • • • • • • • • • • • • • • • •	Kowree J Shepparton Urban \ Shepparton Shire J	works Trust Numurkah Shire Waterworks Trust	9,297	12	5					
6,666 3,507 8,390		$\begin{vmatrix} 4 \\ 4 \\ 11 \end{vmatrix}$		Kara Kara Wimmera United Wycheproof	St. Arnaud Shire Waterworks Trust	23,470	7	4					
4,905 $1,274$	8	9		Birchip Loddon United	Swan Hill Shire	1,274	13	1	•				
$\frac{167}{7.612}$	$0 \\ 2$	0		Shepparton Shire Yarrawonga Urban	Waterworks Trust Shire of Tungamah	12,082	8	1					
3,346 957	$\frac{2}{3}$	$\frac{3}{4}$		Shire of Numurkah Shire of Numurkah	Waterworks Trust	12,002	6	ı	••	į	••		
$1,768 \\ 7,166$		0 10		Warracknabeal) Donald	Wimmera United Waterworks Trust	8,934	14	10	••	!			
16,000	0	0	2,793 9 6	Borough of Dayles- ford	Daylesford Borough Council				16,000 0	0	2,793 9	6	
10,500	8	2	••	Hamilton	Hamilton Borough Council	, ., i			10,500 8	2	• •		
3,094		10		Rutherglen	Rutherglen Borough —Council				,	10		9	
11,858	0	5	4,077 7 3	St. Arnaud Borough	St. Arnaud Borough Council	! !	•		11,858 0	5	,	3	
3,843			• •	Woodend	Newham Shire Council		•		3,843 14]	• •		
500 1,200 1,300	0 0 0	0	· · · · · · · · · · · · · · · · · · ·	Kerang Kerang Shire Swan Hill	Swan Hill Shire Waterworks Trust	3,000	0	0	••	į	••		
32,880	0	$-\frac{1}{3}$	6,870 16 9			87,583	14	9	45,296 5	6	6,870 16	9	

APPENDIX B—continued.

WATER SUPPLY DEPARTMENT,

30th June, 1904.

TRANSFER OF LIABILITIES.

Statement of Liabilities transferred to date to Irrigation and Water Supply Trusts from other Irrigation &c., Trusts, and from Waterworks Trusts.

Liability tak over		. frrigation, &c., Trust Charged.	Irrigation Trusts and Waterworks	Liabilities	handed over by-	
To State— For "Loan ' Advances.	;		Trusts relieved.	Irrigation, &c.	, Waterworks Trusts.	
£ s.	d.			£ s.	d. £ s.	d
343 19 18 5 14,275 7	11	Dry Lake Kerang East Macorna North	Tragowel Plains Irrigation Trust	14,637 13	$2 \stackrel{ }{ } \dots$	
549 4 589 14	0	Leaghur and Meering Boort East	Wandella Irrigation Trust	549 4	0	
9,115 4 $1,246$ 2	1	Tragowel Plains Boort North	Loddon United Waterworks Trust		10,951 0	3
605 15 54,820 2	9 11	Rodney Rodney Cohuna	United Echuca and Waranga Waterworks Trust	••	55,425 18	8
1,882 17 733 17 300 4 1,479 10 2,503 8 1,036 1 335 12 49 4 1,089 17 353 0 117 0 98 0	6 8 8 6 11 2 5 5 6 3	Tragowel Plains Twelve-Mile Marquis Hill Wandella Pine Hills Pine Hills Leaghur and Meering Kerang East Kerang East Dry Lake Macorna North	Swan Hill Shire Waterworks Trust	•	9,978 15	1
8,000 0	0	Bacchus Marsh	Bacchus Marsh Waterworks Trust		8,000 0	0
63,207 7	2	Western Wimmera	Wimmera United Water- works Trust	· • •	63,207 7	2
56,391 3	5	Western Wimmera	Wimmera Shire Waterworks Trust	• •	56,391 3	5
555 13 143 0	- i	South Kerang Dry Lake	Macorna North Irrigation, &c., Trust	698 13		
219,839 15	0	••	!	15,885 10	5 203,954 4	7

APPENDIX C.

WATER SUPPLY DEPARTMENT.

30th June, 1904.

TRANSFER OF LIABILITIES.

Statement of Liabilities transferred to certain "Loan Works" on account of Weirs taken over from certain Waterworks Trusts and Irrigation, &c., Trusts.

Liability over		en	Weirs.	Works Charged.	Trusts Relieved.	Co		Work	rks handed	d	
						Waterworks Trusts.			Irrigation Trusts.		
£ 17,000	s. 0	!	∫Bridgewater and Kinypaniel	$igg\} {f Loddon\ Works} igg\{$	Loddon United Waterworks Trust Tragowel Plains Ir- rigation Trust	£ 13,790		d. 7	£ 3,209	s. 1	d. 5
9,450 5,000	0	0		Broken River { Works	Shire of Numurkah Waterworks Trust Shire of Tungamah Waterworks Trust Shire of Shepparton	4,700 4,750 5,000	0	0			
913	4	6	-	North-West Lakes Works	Waterworks Trust Swan Hill Shire Waterworks Trust	*913		6			
32,363	4	6	••			29,154	3	1	3,209	1	5

* Part Cost.

APPENDIX D.

WATER SUPPLY DEPARTMENT.

30th June, 1904.

GRANTS FROM LOAN FUNDS FOR CONSTRUCTION OF HEADWORKS.

(Act No. 760—First Schedule.—Item 3.)

As originally Distribut	ed.	But owing to Trans	sfer of Worl	ks the Apportionment at 30	th June, 19	04, stood thus—		
Waterworks Trusts.	Amount.	Waterworks Trus	ts.*	Irrigation, &c., Tru		"Works."		
waterworks frusts.	Amount.		Amount.		Amount.	Name.	Amount	
	£		£		£		£	
Avoca	4,502	Avoca	2,662	Boort East	112			
Bet Bet Shire	1,384	Bet Bet Shire	1,384	D 4 N41	1 000		l	
Bet Bet Shire	1,504	Boort Birchip	$\begin{array}{c} 28 \\ 819 \end{array}$	Boort North	238			
Donald	2,000	Charlton	1,840	Cohuna	334			
** ** **		Donald	3,058		:		1	
Kara Kara Shire	467	Kara Kara Shire	1,522	Dry Lake	. 20		1	
Loddon United	8,650	Kerang Shire Kerang	$\begin{array}{c} 213 \\ 88 \end{array}$	Kerang East	256		!	
Loddon Ciffed	0,000	Kowree	292	Kerang East	250			
Lowan Shire	3,651	Loddon United	4,122	Leaghur and Mee- ring	8			
		Lowan Shire	1,258					
Shire of Numurkah	298	Lawloit	,	Marquis Hill	262	Loddon Works	2,798	
Shire of St. Arnaud	5,607	Nhill Swan Hill Shire	$\begin{array}{r} 799 \\ 6,421 \end{array}$	Macorna North	18			
Mille of St. Affiaud	5,007	Swan Hill	231	Macorna North	16			
Shire of Stawell	545	St. Arnaud Borough	57	Pine Hills	243			
		St. Arnaud Shire	1,691	_				
Swan Hill Shire	9,110	Shepparton Ur-	24	Rodney	11,789	ı		
		ban Shire of Numur-	1,278					
		kah	1,210					
United Echuca and	26,757	Shire of Sheppar-	110	Tragowel Plains	1,871		1	
Waranga		ton						
Wimmera United	29,888	Shire of Stawell Shire of Tunga-	$\frac{545}{4.130}$	Twelve Mile	53			
	29,000	mah	4,150	Twelve Mile	99			
1 Tares (14,968					
		and Waranga						
Yarrawonga Shire	7,141	Wimmera United	,	Wandella	444			
(now Tungamah Shire)		Warracknabeal Wycheproof	$\frac{262}{1,400}$	Western Wimmera	9,335			
Smre)		Yarrawonga Ur-	1,400	** estern winningra	9,555			
		ban	.,,,,,					
		i	72,219		24,983		2,798	
	100.000						-	
	100,000			100,000				

^{*} The names of Bodies are in alphabetical order, not against Trusts from which the transfers were made.

APPENDIX E.

WATER SUPPLY DEPARTMENT.

30th June, 1904.

GRANTS FROM LOAN FUNDS TO LOCAL BODIES IN EARLY DAYS.

	Place.				Amou	mt.		
				,	£	s.	d.	
Ararat ·					262	1	10	
Bacchus Marsh				•••	5,642	4	0	
Carngham	••	•••	• •		15	16	8	
Clunes					13,696	14	2	1 •
Daylesford				;	4,165	1	0	
Echuca				•• .	3,863	18	0	
Hamilton				!	195	19	0	,
Heathcote				••	461	7	2	
Maryborough		• •		• • •	6,097	16	2	
Ovens			• •	•• :	7,204	13	6	1 .
Raywood	• •			•• !	1,382	6	9	1
Sebastopol					3	10	0	4 1
Smythesdale	••			•	1,936	13	1	
Walhalla	••	•••			23	14	5	
Wallan Wallan	••	••		••	202	9	2	
				\	45,154	4	11	

APPENDIX F.

WATER SUPPLY DEPARTMENT.

ADVANCES TO BODIES—INTEREST WRITTEN OFF.

Statement showing Amount of Interest Liability at 30th June, 1899, written off by Act No. 1625.

d. 0 0 9 0 0 0 0 2	Avoca Birchip Charlton Dandenong Horsham Borough Koroit Korumburra Loddon United Nhill Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell Shire of Tunga-	£ 1,182 752 841 1,262 641 127 392 8,846 480 122 2,635 279 358 1,810 10	s. 0 0 0 0 0 0 0 0 0 0 0 0 0	d. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Benjeroop and Murrabit Bairnsdale Bacchus Marsh Boort East Boort North Campaspe Carrum Cohuna Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and Meering	£ 4,379 7,739 5,486 7,902 2,835 18,131 7,146 46,770 171 567 2,906 334 4,910 5,100 1.864	0 0 0 0 0 0 0 0 19 0 1 6 0	d. 0 0 0 0 0 0 11 ³ 0 5 0 0
0 9 0 0 0	Birchip Charlton Dandenong Horsham Borough Koroit Loddon United Nhill Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	752 841 1,262 641 127 392 8,846 480 122 2,635 279 358 1,810	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	Murrabit Bairnsdale Bacchus Marsh Boort East Boort North Campaspe Carrum Cohuna Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	7,739 5,486 7,902 2,835 18,131 7,146 46,770 171 567 2,906 334 4,910 5,100	0 0 0 0 0 0 0 0 19 0 1 6 0	0 0 0 0 0 0 0 0 0 11 ⁸ 0 5 0 0
9 0 0	Charlton Dandenong Horsham Borough Koroit Korumburra Loddon United Nhill Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	841 1,262 641 127 392 8,846 480 122 2,635 279 358 1,810	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	Bairnsdale Bacchus Marsh Boort East Boort North Campaspe Carrum Cohuna Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	7,739 5,486 7,902 2,835 18,131 7,146 46,770 171 567 2,906 334 4,910 5,100	0 0 0 0 0 0 0 0 19 0 1 6 0	0 0 0 0 0 0 0 0 0 11 ⁸ 0 5 0 0
0 0 0	Dandenong Horsham Borough Koroit Korumburra Loddon United Nhill Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	1,262 641 127 392 8,846 480 122 2,635 279 358 1,810	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	Bacchus Marsh Boort East Boort North Campaspe Carrum Cohuna Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	5,486 7,902 2,835 18,131 7,146 46,770 171 567 2,906 334 4,910 5,100	0 0 0 0 0 0 19 0 1 6 0	0 0 0 0 0 0 0 11*
0	Horsham Borough Koroit Korumburra Loddon United Nhill Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	641 127 392 8,846 480 122 2,635 279 358 1,810	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	Boort East Boort North Campaspe Carrum Cohuna Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	7,902 2,835 18,131 7,146 46,770 171 567 2,906 334 4,910	0 0 0 0 0 19 0 1 6 0	0 0 0 0 0 11; 0 5 0
0	rough Koroit Korumburra Loddon United Nhill Omeo Rutherglen Seymour Shire of Numur- kah Shire of Sheppar- ton Shire of Stawell	127 392 8,846 480 122 2,635 279 358 1,810	0 0 0 0 0 0 0	0 0 0 0 0 0 0	Boort North Campaspe Carrum Cohuna Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	2,835 18,131 7,146 46,770 171 567 2,906 334 4,910 5,100	0 0 0 0 19 0 1 6 0	0 0 0 0 11 0 5 0 0
	Koroit Korumburra Loddon United Nhill Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	127 392 8,846 480 122 2,635 279 358 1,810	0 0 0 0 0 0 0	0 0 0 0 0 0 0	Campaspe Carrum Cohuna Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	18,131 7,146 46.770 171 567 2,906 334 4,910 5,100	0 0 19 0 1 6 0	0 0 0 11 0 5 0
2	Korumburra Loddon United Nhill Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	392 8,846 480 122 2,635 279 358 1,810	0 0 0 0 0 0	0 0 0 0 0 0 0 0	Carrum Cohuna Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	7,146 46.770 171 567 2,906 334 4,910 5,100	0 0 19 0 1 6 0	0 0 11; 0 5 0
2	Loddon United Nhill Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	8,846 480 122 2,635 279 358 1,810	0 0 0 0 0 0	0 0 0 0 0 0	Cohuna Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	46,770 171 567 2,906 334 4,910 5,100	0 19 0 1 6 0	0 11° 0 5 0
	Nhill Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	480 122 2,635 279 358 1,810	0 0 0 0	0 0 0 0 0	Dookie Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	171 567 2,906 334 4,910 5,100	19 0 1 6 0	11° 0 5 0 0
	Omeo Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	122 2,635 279 358 1,810	0 0 0 0	0 0 0	Dry Lake Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	567 2,906 334 4,910 5,100	0 1 6 0	0 5 0 0
	Rutherglen Seymour Shire of Numurkah Shire of Shepparton Shire of Stawell	2,635 279 358 1,810	0 0	0 0	Emu Valley Harcourt Kerang East Koondrook and Myall Leaghur and	2,906 334 4,910 5,100	1 6 0	5 0 0
	Seymour Shire of Numur-kah Shire of Shepparton Shire of Stawell	279 358 1,810	0 0	0 0	Harcourt Kerang East Koondrook and Myall Leaghur and	334 4,910 5,100	6 0 0	0
	Shire of Numur- kah Shire of Sheppar- ton Shire of Stawell	358 1,810	0	0	Kerang East Koondrook and Myall Leaghur and	4,910 5,100	0	0
	kah Shire of Shepparton ton Shire of Stawell	1,810	0	0	Koondrook and Myall Leaghur and	5,100	0	
	Shire of Shepparton Shire of Stawell	1,810	0	0	Myall Leaghur and	,		0
	ton Shire of Stawell			-	Leaghur and	,		0
	Shire of Stawell			-		1 00 1		
		10	0	()	Meering	1 96 1		
	Shire of Tunga-		0	U	1 2200	1,004	0	0
					Lerderderg	169	8	9
	mah	1,573	O	0	Macorna North	4,337	0	0
	Shepparton Ur-				Marquis Hill	5,466	0	0
	ban	1,621	O	0	Pine Hills	1,065	6	$6 \cdot$
	Swan Hill Shire	21,260	O	0	Rodney	52,726	0	0
	United Echuca				Swan Hill	$10,\!126$	0	0
		29,415	O	0				
	Wimmera United	11,950	0	0			0	0
						80,141		0
						2,343	0	0
						8,280	0	0
					mera	,		0
					Yatchaw	514	0	0
11		85,556	0	0		337,239	2	7
	1	and Waranga Wimmera United	and Waranga Wimmera United 29,415 11,950	and Waranga 29,415 0 11,950 0 12,950 0	and Waranga Wimmera United 29,415 0 0 11,950 0 0 85,556 0 0	and Waranga Wimmera United 29,415 0 0 11,950 0 0 Torrumberry North Tragowel Plains Twelve Mile Wandella Western Wimmera Yatchaw	and Waranga Wimmera United 29,415 0 0 11,950 0 0 Torrumberry North . 4,612 Tragowel Plains Twelve Mile . 2,343 Wandella . Western Wimmera . 51,218 Yatchaw . 514	and Waranga 29,415 0 0 Torrumberry 4,612 0 11,950 0 0 Tragowel Plains 80,141 0 2,343 0 Wandella 8,280 0 Western Wimmera 51,218 0 Yatchaw 514 0 0 0 0 0 0 0 0 0

^{* 19}s. 11d. over and above Act 1625 amount, to close account.

^{† 6}s. 6d. " " " " "

APPENDIX G.

WATER SUPPLY DEPARTMENT.

Year 1903-4.

RETURN OF WATER SUPPLIED TO BODIES FREE OF CHARGE FROM "LOAN WORKS" CONTROLLED BY DEPARTMENT.

				Water Supplied Free.							
" Loan	Works."			For Irrigation, and for Stock and Domestic Purposes.	For Stock and Domestic Purposes.	Total.					
				To Irrigation, &c., Trusts.	To Waterworks Trusts and Mallee Shires.						
				Cubic Feet.	Cubic Feet.	Cubic Feet.					
Goulburn	••			3,210,000,000		3,210,000,000					
Loddon	• •	• •		8,860,000,000	330,000,000	9,190,000,000					
Kow Swamp				1,950,000,000	1,300,000,000*	3,250,000,000					
Broken River	• •			•••	1,830,000,000	1,830,000,000					
Mallee					1,200,000,000	1,200,000,000					
North-West Lakes	• •	• •		••	1,930,000,000†	1,930,000,000					
				14,020,000,000	6,590,000,000	20,610,000,000					

Note.—Diversions from the Goulburn are made principally during the summer months, and are confined to the actual volumes required. In the case of the Loddon by far the greater part of the diversions takes place during high river period, practically the whole flow of the river being diverted, except during high floods.

^{*} Supplied to North-West Lakes Works for distribution.
† Exclusive of the 1,300,000,000 cubic feet obtained from Kow Swamp Works.

