Record Nr.	UNINA9910790871403321
Autore	Viggers James
Titolo	Melbourne's water catchments : perspectives on a world-class water supply / / James Viggers, Haylee Weaver, David Lindenmayer
Pubbl/distr/stampa	Collingwood, Victoria : , : CSIRO Publishing, , [2013] ©2013
ISBN	1-4863-0008-1 1-4863-0007-3
Descrizione fisica	1 online resource (144 p.)
Altri autori (Persone)	WeaverHaylee LindenmayerDavid
Disciplina	333.91 333.916215
Soggetti	Water-supply - Australia Water resources development - Australia
	Melbourne (Vic.) Water-supply
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Melbourne's Water Catchments; Dedication; Contents; Preface; Acknowledgements; Glossary; Conversion table; Part 1 Early history: pre-1900 to 1960; Chapter 1: Pre-1900; Introduction; Water for a new settlement; Blackburn's water supply ideas; The Yan Yean scheme; Closure of the Yan Yean water catchment; Challenges to maintaining adequate water supply; Construction of new water supplies to Yan Yean Reservoir; Diversion of the Watts River and construction of the Maroondah Aqueduct; Continued growth of Melbourne; Links between water quality, human activity and disease The Royal Commission into the Sanitary Condition of MelbourneConclusion; Chapter 2: 1901 to 1939; Introduction; 'Enemies of water supply': drought and rapid population growth; The Acheron option; New water supplies: the O'Shannassy River and augmentation of the Maroondah system; New water supplies: the O'Shannassy River; 1920s: further expansion of water infrastructure; Maroondah Reservoir; O'Shannassy Reservoir; Silvan Reservoir; Ritchie's ideas for Melbourne's water and securing of supply options; Commencement of the Upper

1.

	Yarra scheme; Bushfires: 1939 Black Friday fires; Conclusion Chapter 3: 1940 to 1960Introduction; Aftermath of the 1939 bushfires; Fire management and fire towers; Integrity of the water supply: protection from disease; Expansion of the Upper Yarra scheme: the reservoir; Upper Yarra Reservoir: revisions to capacity and rate of construction; Conclusion; Part 2 1961 TO 2012: A WATER MAN'S PERSPECTIVE; Chapter 4: 1961 to 1984; Introduction; 1962: 'The future water supply' report; Analysis of Ronalds' proposals for water supply; Final recommendations of the Parliamentary Public Works Committee inquiry; The 1967-68 drought Additional infrastructure and water supply optionsWater restrictions; New water supply infrastructure for Melbourne; Greenvale Reservoir: western Melbourne; Cardinia Reservoir: south-eastern Melbourne; Commencement of the Thomson River scheme; Stage 1: tunnelling to Upper Yarra Reservoir; Stage 2: extension of the tunnel; Stage 3: final extension of the tunnel and construction of the Thomson dam wall; Fluoridation of Melbourne's water; Sugarloaf Reservoir and Winneke Treatment Plant: construction and controversy; Environmental impact study; The construction of Sugarloaf Reservoir Additional options to secure Melbourne's water supplyWatsons Creek and the Aberfeldy River; 'Planning for an uncertain future' report (1981); Bushfires in the catchments: the Ash Wednesday fires of February 1983; Conclusion; Chapter 5: 1985 to 2012; Introduction; Water supply strategies: 1986 and 1991; Managing demand; Options for new infrastructure and water supply; Cloud seeding trials in the Thomson Catchment; Climate change; The water catchment forests; Research on forest dynamics and water yield and quality; Fire and water yield; Logging and water yield; The end of the MMBW Catchment areas as national parks
Sommario/riassunto	Charts the unique history of the Melbourne water catchments and water supply.