

## CHRISTCHURCH CITY COUNCIL ARCHIVES

**CCC Archives Ref No:** CH659

**Record Series:** Christchurch Drainage Board: Miscellaneous Records and Photographs 1888-1990

### CCC Archives ACCESSION LIST:

Box No	Item No	Description	End Date
1	1	Folder containing Newspaper clippings, song sheets Photographic slide of Cambridge House, Notes on Board proceedings, Loan Resolutions, Special Order making special rate, Appointment and declaration of Cuthbert as Returning Officer, Statement of Claim Papers on the Carlton Mill Race Petition	1888 - 1890 1967 1906 1909 1888 1875 1876
1	2	Copies of Report of Royal Commission	1910
1	3	Christchurch Drainage Board Accounts & Financial Statements	1911
1	4	Christchurch Drainage Board Sanitary Regulations & Rules for House Drainage	1884
1	5	Christchurch Drainage Board By-laws No 1	1892
1	6	Christchurch Drainage Board By-laws No 1	1900
1	7	Christchurch Drainage Board By-laws No 1	1913
1	8	Christchurch District Drainage Act 51 and Amending Acts	1957
1	9	Christchurch Drainage Board Standing Orders	1965
1	10	Christchurch Drainage Board Glossary of Terms	1974
1	11	North Canterbury Local Government Area Scheme Draft	1971
1	12	Book of photographs depicting Industrial Wastes	
1	13	Notebook – Titles Board Seal	1978 – 1984
1	14	Record of Documents Sealed	1980 – 1986
1	15	Record of Documents Sealed	1983 – 1989

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Box No	Item No	Description	End Date
1	16	Correspondence Index	1882 – 1939
1	17	Bundle of Christchurch Drainage Board Annual Accounts	1917 – 1957
2	18	Sinking Fund Commissioners Account	1978 – 1981
2	19	Contract Payments Book 2	1989 – 1990
2	20	Sinking Fund Income and Expenditure Accounts	1957 – 1962
2	21	Sinking Fund	1961 – 1966
2	22	Sinking Fund	1966 – 1971
2	23	Sinking Fund	1970 – 1975
2	24	Sinking Fund	1975 – 1978
2	25	Christchurch Drainage Board Register of Contracts	1876 – 1952
2	26	Christchurch Drainage Board Register of Contracts	1953 – 1971
2	27	Christchurch Drainage Board Register of Contracts	1971 – 1989
2	28	Register of Sub Soil Drains	1946 – 1975
3		Christchurch Drainage Board Financial Statements	1966 – 1982
5		Contracts Payment Registers (Four copies)	1961 – 1986
6	29	Christchurch Drainage Board Staff Fund Minutes	1965-1989
6	30	Christchurch Drainage Board Staff Fund Members	1983-1989
6	31	Salaried Staff Association Minutes	1982-1989
6	32	Salaried Staff Executive Book 1	1979-1986

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Box No	Item No	Description	End Date
6	33	Salaried Staff Executive Book 2	1986-1989
6	34	Salaried Staff Executive	1988 - 1989
6	35	Christchurch Drainage Board Job Evaluation Working documents/Agreement	1987
6	36	Higher Salaries commission Submission	1982
6	37	Christchurch Drainage Board SSA Stamp/Seal and Deputy Chief Administration Officer	
7	38	Staff Awards Correspondence	
7	39	Staff Evaluation Correspondence	
8	40	Christchurch Drainage Board SSA Correspondence Book 1	
8	41	Christchurch Drainage Board SSA Correspondence Book 2	
8	42	Christchurch Drainage Board SSA Correspondence Book 3	
		<b><u>Correspondence not replaced in General Files</u></b>	
9	43	Monthly reports on River Maintenance	1958 – 1961
9	44	Pollution Advisory Council	1964 – 1970
9	45	Water Pollution Control	1970 – 1972
9	46	Stormwater problem	1953-1989
9	47	North Brighton Sewer Outfall	1969
9	48	No. 36 Pumping Station	1984
9	49	Woolston Cut Properties	1970 – 1984

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Box No	Item No	Description	End Date
9	50	Easement	1956 – 1987
9	51	Riccarton Main Drain	1977 – 1988
9	52	Wilderness Drain	1981 – 1985
10	53	Westmoreland	1979
10	54	Flood Routing Basin Wairakei Road	1979
10	55	Waitaki Street	1981 – 1984
10	56	Redhills S/D	1985
10	57	Avonside S/D Auction	1975
10	58	Bamford A/D Lease	1979 – 1985
10	59	Halton Ackroyd and others	1980 – 1986
10	60	Gas Works	1969 – 1973
10	61	New Zealand Land Development Company	1977 – 1987
10	62	Rates	1969
10	63	Cadets	1969 – 1971
10	64	Quotations for Equipment	1985 – 1987
10	65	Employees Clothing replacement	1975 – 1984
10	66	Elections	1980 – 1986
10	67	Biogas Plant	1982 – 1984
10	68	Lane Street	1977 – 1979

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Box No	Item No	Description	End Date
10	69	Cuthberts Green	1984 – 1987
10	70	Various	1970 – 1989
10	71	Mt Pleasand Road Properties	1974 – 1982
11	72	Legislation and Prosecutions	1964 – 1987
11	73	Canterbury Pipe Lines Ltd Litigation	1972 – 1984
11	74	Ch Ch Treatment Works	1958 – 1969
11	75	Ch Ch Treatment Works	1958 – 1985
11	76	No. 15 Pumping Station Plans	1967
11	77	No. 20 Pumping Station Plans	1977
		<b><u>Photographs</u></b>	
12	78	Opawa Road and Ford Street – 1941 Flood	1941
12	79	Opawa Road and Judge Street – 1941 Flood	1941
12	80	Marshland aerial – 1941 Flood	1941
12	81	Marshland aerial – 1941 Flood	1941
12	82	Woolston Tanneries area aerial - - 1941 Flood	1941
12	83	Heathcote River Vernon/Centaurus- 1941 Flood	1941
12	84	Travis Swamp Burwood aerial – 1941 Flood	1941
12	85	Burwood Marshlands aerial – 1941 Flood	1941
12	86	Heathcote/Woolston Loop – 1941 Flood	1941

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12	87	Richardson Terrace aerial - - 1941 Flood	1941
12	88	Opawa Mckenzie Avenue aerial - 1941 Flood	1941
12	89	Linwood Buckleys Road aerial - 1941 Flood	1941
12	90	Linwood Avenue Canal Reserve - 1941 Flood	1941
12	91	Heathcote Valley aerial - 1941 Flood	1941
12	92	Monica Park aerial - 1941 Flood	1941
12	93	Heathcote Valley Area aerial - 1941 Flood	1941
12	94	Opawa and Judge Street - 1941 Flood	1941
12	95	Heathcote Bridge at Opawa Road - 1941 Flood	1941
12	96	Arnold/Heberden Ave - Flood	1951
12	97	Laying 27" Rising Main	1907
12	98	Taken in Sumner	C1900
12	99	No. 7 Piplaying Selwyn/Lincoln	C1900
12	100	Location unknown	C1900
12	101	Christchurch Drainage Board Members	1909
12	102	Edwin Cuthbert Engineer to the Board	C1900

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Box No	Item No	Description	End Date
		<b><u>Photographs of Individual Christchurch Drainage Board Chairmen</u></b>	
	103	F Hobbs	1976 – 1977
	104	R J S Harman	1880 – 1881
	105	H J Tancred	1877 – 1880
	106	L Harper	1882
	107	F De Carteret Malet	1882 – 1885
	108	W Vincent	1885 – 1888
	109	J Deans	1887 - 1888
	110	R Pitcaithly	1888 - 1902
	111	W Hill	1902 – 1907
	112	H G Livingstone	1934 - 1944 & 1948
	113	E H S Hamilton	1948 – 1954
		<b><u>Christchurch Drainage Board Members as a Group</u></b>	
	114	Christchurch Drainage Board Members as a Group	1906 – 1908
	115	Christchurch Drainage Board Members as a Group	1912 – 1914
	116	Christchurch Drainage Board Members as a Group	1915 – 1917
	117	Christchurch Drainage Board Members as a Group	1926
	118	Christchurch Drainage Board Members as a Group	1941

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Box No	Item No	Description	End Date
	119	Christchurch Drainage Board Members as a Group	1948
	120	Christchurch Drainage Board Members as a Group	1955
	121	Christchurch Drainage Board Members as a Group	1936
	122	NZ Sanitary Inspectors Conference	1927
	123	Framed photograph Beckenham	1941
	124	Hendersons / Sparks Roads	1936
	125	Sewerage area rate book	1935-1982
	126	Plans for Christchurch Drainage Board Trade Wastes Pumping Station No. 15	1967
	127	Plans for Christchurch Drainage Board Pumping Station No. 205	1977
		<b><u>Christchurch Drainage Board Submissions, Drawings and Reports</u></b>	
		<i>Some reports are not dated but estimated to have been produced in the 1970s. These reports and documents were previously housed at University of Canterbury. Gifted to the Christchurch City Council Archives 30 November 2011</i>	
	128	Report by the Christchurch Drainage Board entitled <i>Stormwater Drainage Central City Area</i>	1970
	129	Christchurch Drainage Board submission entitled <i>Submissions in connection with the proposed extraction of water from the Waimakariri River for irrigation purposes</i>	1970
	130	Report by the Christchurch Drainage Board entitled <i>Overall Stormwater Drainage Plan</i>	October 1969
	131	Report by the Christchurch Drainage Board entitled <i>Dry weather flow in rivers and drains</i> . Purpose of the report: to provide basic data on normal river, stream and drain discharge in the existing Stormwater Drainage System	1 Feb 1973



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Box No	Item No	Description	End Date
	132	Report by the Christchurch Drainage Board entitled <i>Report on infiltration into sanitary sewers in urban areas</i> by A R Greenland, Investigations Engineer	13 Nov 1972
	133	Copy of Chief Chemist's Report on <i>Disposal of digested sludge at sewage treatment works</i>	23 March 1965
	134	Brief historical notes on the Christchurch Drainage Board – <i>an outline of its functions and some specific problems that have recently been or are confronting the Board in the south east sector of its district</i>	No date specified
	135	Report by the Christchurch Drainage Board entitled <i>Report on peak flow in sanitary sewers in urban areas</i> by A R Greenland, Investigations Engineer	13 Nov 1972
	136	Supplementary Report of Sewage Treatment Section to <i>Construction and Treatment Works Committee, as at 30 April 1972: Sewage Treatment Works – Operation, April 1972</i>	April 1972
	137	Plan of the Central City Area <i>Existing Stormwater Drainage</i> . Plan No 5250/2. <u>Please note: the plan shows boundary area considered and existing drainage systems</u>	No date specified
	138	Christchurch Drainage Board Plan of Styx River Investigations <i>Plan of catchment of river and tributaries</i>	21 Jan 1970
	139	Plan entitled <i>Outfall Drain and South Canal Reserve Drain Proposed Improvements</i>	No date specified
	140	Plan by Christchurch Drainage Board entitled <i>Existing Stormwater Drainage System</i>	No date specified
	141	Plan of the Central City Area <i>Stormwater Drainage</i> . Plan No 5250/1. <u>Please note: the plan shows Central City Boundary and Boundary of Area considered</u>	No date specified
	142	Christchurch Drainage Board <i>Catchment areas of rivers Avon and Heathcote</i>  <i>Additional information: Avon Catchment measures 32.30 square miles, 20,672 acres. Heathcote Catchment measures 40.60 square miles, 25 984 acres</i>	28 Sept 1963

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Box No	Item No	Description	End Date
	143	Christchurch Drainage Board. Report on a flood protection scheme for the Lower Styx River and Investigations leading thereto. <i>Synopsis: this report outlines a scheme of flood protection and</i>	No date specified
	144	Plan of the Central City Area <i>Stormwater Improvements</i> . Plan No 5250/3	
	145	1. Christchurch Drainage Board Heathcote River Catchment and Direct Estuary Catchment - <i>50 year Synthetic Hydrograph at Ferrymead Bridge</i>  Please note: developed by unit graph theory from an eight hour synthetic hydrograph of surface run-off  Plan No. F.C. 1429  2. Christchurch Drainage Board Heathcote River Catchment and Direct Estuary Catchment - <i>50 year Synthetic Hydrograph at Ferrymead Bridge</i>  Please note: developed by unit graph theory from an eight hour synthetic hydrograph  Plan No. F.C. 1442	30 June 1966
	146	Christchurch Drainage Board Avon River Catchment - <i>50 year Synthetic Hydrograph at Ferrymead Bridge</i>  Please note: developed by unit graph theory from an eight hour synthetic hydrograph of surface run-off  Plan No. F.C. 1425	June 1966
	147	Christchurch Drainage Board Combined Estuary Catchments - <i>Synthetic Hydrograph of 50 year Flood Discharge</i>  Please note: hydrograph obtained from 0.89 of the summation of the Avon and Heathcote River Catchments plus that of the catchments draining directly to the Estuary  Plan No. F.C. 1443	July 1966
	148	Notes on the hydrology of the Avon and Heathcote Estuary	4 August 1972

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Box No	Item No	Description	End Date
	149	Report on the Present State of Studies Relating to the Estuary of the Avon and Heathcote Rivers  Additional information: this report outlines how investigations into Estuary Control were commenced, what is involved in these investigations; the progress made to date; some of the conclusions arrived at so far; what still has to be done before a final report can be placed before a final report can be placed before the Board; other interested parties and the ratepayers	7 June 1972
	150	Plan of Belfast Pilot Pond	4 August 1972
	151	Christchurch Drainage Board  Report on Flood Relief Works: Outfall Drain and South Canal Reserve Drain	13 July 1972
	152	Christchurch Drainage Board  Plan of Belfast Sewerage Scheme Loan Application	6 May 1969

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		<b>Material given by John Wilson, 2013. Reports and documents were used by John to produce Christchurch, Swamp to City: A Short History of the Christchurch Drainage Board 1875-1989</b>	
	153	Christchurch Drainage Board Specification for Sewage Purification Works August 1987. Brown and Caldwell Consulting Engineers	1987
	154	Christchurch Drainage Board: Christchurch Data Notes and Comments on the Christchurch Drainage and Sewerage Systems by E.F. Scott October 1963 (2 copies)	1963
	155	Drainage Scheme for Christchurch and the Suburbs with Plan and Explanatory Diagrams by William Clark 1878	1878
	156	Copy of Drainage Scheme for Christchurch and the Suburbs with Plan and Explanatory Diagrams by William Clark 1878	1878
	157	Christchurch Drainage Board 1875-1975 Annual Report and Statement of Accounts for Year Ended 31 March 1976	1976
	158	Christchurch Drainage Board 1875-1975 Annual Report and Statement of Accounts for Year Ended 31 March 1976	1976
	159	Newspaper Clippings	1921 – 1943
	160	Drainage Scheme for Christchurch and the Suburbs with Plan and Explanatory Diagrams by William Clark 1878	1878
	161	Plan of Christchurch	1878
	162	New Zealand Victoriae Reginae	1875
	163	Handwritten Notes	No date
	164	Christchurch Drainage Board Odour and Related Studies Bromley Sewage Purification Works	April 1973
	165	Environmental Assessment of the Woolston Cut and Associated Stopbanking on the Heathcote River	November 1878
	166	The Garbage Connection by John Zanetti 30 November 1990	1990
	167	Christchurch Drainage Board Report on Investigations carried out in the United States, Canada and Great Britain into modern methods of Sewage Treatment and Disposal by E.F. Scott December 1949	1949

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	168	Treatment Works Official Opening, Christchurch Drainage Board Official Opening Programme 27 October 1962	1962
	167	Hand written notes by John Wilson (1989) made during the research for the publication Christchurch, Swamp to City: A Short History of the Christchurch Drainage Board 1875-1989	1989