

TABLE NO. 7 -continued.
SCHEDULES OF SCHEMES UNDER INVESTIGATION.

Scheme.	Source of Supply.	River Discharge (Minimum).	Main Canals Discharge (Maximum), as per Design.	Rainfall (Average for Five Years).	Rainfall, 1921.	Area commanded (Gross).	Length of Main Canals.	Length of Distributaries.	Expenditure to 31st March, 1922.	Estimate to complete.	Remarks.
Last Chance Water-race	Shingle Creek, Gorge Creek, and Chasm Creek	Cusecs. 9	15	Inches. No records	Inches. No records	Acres. 4,300	Miles. 30	Miles. ..	£ 1,139	£ 7,000	Water available for 1,800 acres only.
Maniototo ..	Taieri River and storage dam	25	500	20-10 (Eweburn)	18-34	100,000	60	..	66	..	Modified scheme for complete irrigation of 5,000 acres is possible without storage, or for reasonable partial irrigation of 15,000 acres.
Cromwell Flat and Low-burn	Roaring Meg Stream (gravity), Kawarau River (pumping)	29 3,000	40	21-75 (Luggate)	22-33	15,000	10	30	..	39,700	Roaring Meg Stream: This will irrigate 3,750 acres, and may be reduced in cost by charging £11,350 to possible hydro-electric - power development. Kawarau River: A private company is developing this portion of scheme. These schemes include the whole of irrigable lands in Manuherikia Valley, White Sow Valley, and part Maniototo Plains about Raifurly. For complete irrigation depends entirely on storage dams, but a useful partial irrigation supply might be installed without dams for majority of area. Dams to follow later. Survey proceeding.
Upper Manuherikia schemes	Manuherikia and Dunstan Rivers, two storage dams in Manuherikia River, and one in Dunstan River	77	Several, not fixed	17-59 (Clyde, Ophir, and Blackstone Hill)	17-21	90,000	..	..	325	..	To irrigate Arrow Flats, Miller's Flat, Speargrass Flat, and Frankton. Survey proceeding.
Arrow River scheme ..	Arrow River ..	100	..	32-18 (Queenstown)	28-65	6,536	17	24	..	93,598	
Hawea Flat scheme ..	Timaru Creek..	20 (About)	30	24-96 (Maungawera)	23-03	3,000	10 M. ch. 13 16	M. ch. 15 60	..	..	
Tarras scheme ..	Lindis River ..	50	63	21-75 (Luggate)	22-33	7,000	Miles. 7	..	..	77,500	
Bendigo Flat scheme ..	Lindis River and storage dam	50	30	21-75 (Luggate)	22-33	3,000	22	Miles. 18	..	..	
Teviot River scheme ..	Teviot River and Lake Onslow dam	40	80	21-97 (Roxburgh)	22-08	16,400	..	..	7	..	Involves enlarging Lake Onslow dam.