

**Table No. 6.**  
**IRRIGATION AND WATER-SUPPLY.**

**SCHEDULE OF SCHEMES COMPLETED OR UNDER CONSTRUCTION.**

Scheme.	Source of Supply.	River Discharge (Minimum).	Main Canal Discharge (Maximum).		Rainfall Average for Five Years.	Rainfall, 1920.	Area commanded (Gross).	Area Irrigated at Present.	Works Authorized.			Works completed ended 1920-21.		Expenditure to 31st March, 1921.	Estimate to complete.	Remarks.
			As per Design.	During 1920-21.					Main Canals.	Distributaries.	M. ch.	Main Canals.	Distributaries.			
Steward Settlement Otekaite	Waitaki River ..	Cusecs. ..	110	Cusecs. ..	Inches. 18-4 ..	Inches. 20-0 ..	Acres. 18,000 ..	Acres. 800 ..	M. ch. 14 60 ..	M. ch. 50 31 ..	M. ch. 14 60 ..	M. ch. 50 31 ..	M. ch. 50 31 ..	£ 12,115 ..	£ ..	Completed. Completed scheme. Mostly on east side of river. 1½ heads to west side for stock-race.
Ida Valley	Poolburn, Manorburn, and Moa Creek. (Storage Manorburn Dam)	..	109	42	25-5 (Manorburn Dam)	19-0	31,600	4,400	30 60	34 0	27 30	34 0	34 0	124,504	23,661	Further work consists of German Hill race extension.
Galloway	Manorburn Dam ..	..	15	8-3	14-0 (Clyde)	10-37	1,300	1,100	7 30	4 0	7 30	4 0	4 0	12,923	..	Completed.
Manuhierikia - Alexandra-Clyde No. 1	Manuhierikia River	65	100	..	14-5 (Clyde and Ophir)	13-19	11,000	..	21 58	41 0	21 58	..	..	106,718	43,788	Expected to be completed within year.
Ardgour ..	Lindis River ..	50	14	..	17-5	16-01	2,000	..	13 0	..	..	..	..	Nil	11,801	Under construction.
Fraser River, Earnsclough	Fraser River and storage dam	8	10	10	16-5 (Clyde)	10-37	4,000 (Main, and 1,580 (Temp.)	..	..	..	..	..	..	1,678*	1,422	Main scheme from dam; temporary scheme from Sandy Point Mining Rights under construction.
Olig Terrace	Manorburn Dam ..	..	..	..	14-0 (Ophir)	16-01	1,600	..	..	..	..	..	..	†	†	

\* Includes £1,500 paid for Sandy Point mining rights.

† Included in Ida Valley scheme.

**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, 1920.	Area commanded (Gross).	Length of Main Canals.	Length of Distributaries.	Expenditure to 31st March, 1921.	Estimate to complete.	Remarks.
Last Chance Water-race	Shingle Creek	Gorge,	Cusecs. Not fixed	Inches. No records	Inches. No record	Acres. 4,300	Miles. 8½	Miles. ..	£ 1,139	£ ..	
Maniototo	Chasm Creek	..	500	18-95 (Eweburn)	17-02	100,000	60	..	..	..	Whole scheme depends on storage.
Cromwell Flat ..	Taieri River and storage dam	..	30	22-36 (Luggate)	14-53	8,250	8	..	..	..	About 4,000 acres irrigable. Private company now developing area by pumping water from Kawarau Stream.
Manuhierikia - Alexandra-Clyde No. 2	Roaring Meg Stream	..	185	14-5 (Clyde and Ophir)	13-19	27,750	..	..	..	..	..
Manuhierikia - Alexandra-Clyde No. 3	Manuhierikia River and storage dam	65	79	22-38 (Blackstone Hills)	19-95	15,800	..	..	..	..	Total area, 37,850 acres available for 15,800 acres. Water avail.