

TABLE NO. 7—*continued*.
IRRIGATION AND WATER-SUPPLY—*continued*.
SCHEDULE OF SCHEMES UNDER INVESTIGATION—*continued*.

Scheme.	Source of Supply.	River Discharge (Minimum).	Main Canals Discharge (Maximum), as per Design.	Average Rainfall from Records available.	Rainfall, 1924.	Area commanded (Gross).	Length of Main Canal.	Length of Distributaries.	Expenditure to 31st March, 1925.	Estimate to complete.	Remarks.
Hawea Flats (later altered native)	Hawea River (pumping)	Cusecs. ..	Cusecs. ..	Inches. 24.89 (Hawea Flat)	Inches. 30.73	Acres. 17,600	Miles. ..	Miles. ..	£ ..	£ 71,720	Latest tentative proposal. Electric power not necessary, but water to be pumped by direct application of power generated by low-pressure turbines at outlet of Lake Hawea. This appears preferable to alternative No. 1, and appears to be a promising scheme. Further closer survey and estimates are necessary.
Chapman's Gully ..	Butcher's Creek, Conroy's Creek, and storage dam	..	..	15.01 (Alexandra)	16.65	100	..	..	16	1,165	May yet be amalgamated with Last Chance scheme or possible scheme from Conroy's Gully. ..
Bendigo Flat ..	Lindis River and storage dam	40	30	18.91 (Tarras)	20.92	3,000	7	..	..	..	To irrigate Teviot and Ettrick. Involves enlargement of Lake Onslow dam. Some further investigations made, and survey expected to be commenced next spring.
* Teviot River Extension	Teviot River and Lake Onslow dam	40	80	13.66 (Roxburgh East)	14.25	13,400	..	..	..	..	Proposed to utilize abandoned race of Island Block Extended Gold-mining Company. A new and promising proposal. Survey completed.
Miller's Flat ..	Minzionburn ..	6	..	..	..	2,000	..	..	79	..	To supply water to part of Mount Pisa Settlement lands. Survey about completed.
Luggate Bura ..	Luggate Burn	6 (after existing rights)	12	21.10 (Luggate)	20.97	1,200	..	..	..	..	For lands about St. Bathans. Includes £12,000 towards cost of Falls dam, Upper Manuhierika scheme.
Scandinavian ..	Tributaries of Manuhierika River and Eweburn Reservoir	..	20	28.30 (St. Bathans)	31.57	4,000	..	..	..	50,000	

* Put under Teviot River scheme above with which it will be ultimately amalgamated.