

*Waihi and Kakahu Rivers.*—Stop-banks have been constructed on Allens', Coles', and Malvena's frontages.

*Temuka River.*—Hannifin's frontage has been protected and a house moved.

*Opihi River.*—Shaw's frontage has been protected with willows and a stop-bank.

*Waimate Creek.*—A stream-diversion and stop-bank have been completed in the vicinity of the hospital.

### *Dunedin District*

*Taieri River.*—Lee Creek Channel: Work was continued on the widening of the Lee Creek Channel, within the Taieri stop-bank area.

Outer Area Henley Locks: The installation of the locks was proceeded with. Four locks were installed.

Momona Drain: Approximately 100 chains of new drain was constructed. The work will improve approximately 280 acres of good farming land.

Taieri River-bank Protection: Bank-protection work and a small relief cut in the locality of the Riverside Bridge at Blair's property is proceeding.

*Flood Protection, Middlemarch.*—March and Clark's Creek in the locality of Middlemarch were cleaned out.

*Clutha River.*—Flood Damage, Balclutha: Restoration of the heavy damage caused by the flood in the Clutha River during February, 1945, has been continued, partly by the Department and partly by the Lower Clutha River Trust. The major works undertaken comprises repairs to the Inchelutha main-drain locks and rubble protection of river-bank to prevent extension of erosion. More of the latter work has still to be done.

A further severe flood in October, 1946, threatened to inundate about 18,000 acres on the river-flats below Balclutha. The river was successfully held within its banks, but much work is required repairing weakness caused by the flood.

*Lower Clutha River Survey.*—The survey of the lower reaches of the Clutha River and the surrounding flats with a view to the preparation of comprehensive river control and drainage proposals is approximately 50 per cent. completed.

*Inchelutha Drainage.*—Drains totalling 130 chains in length have been constructed at Morrison's, Botting's, and Telegraph Road on Inchelutha.

*Matau Drainage.*—A pump has been purchased in connection with the permanent drainage system of the Matau area. During the heavy September rains it was set up in a temporary position to de-water flooded lands.

*Crookston Burn, Kelso.*—In order to obviate flooding of the township of Kelso by the Crookston Burn a new channel 64 chains in length is being excavated for the stream, and willows are being cleared. The work is 80 per cent. complete.

*Pomahaka River, Greenvale.*—The river has been straightened over a length of 12 chains and the banks protected over a length of 3 chains to prevent the extension of erosion.

*Waitaki River.*—Some small jobs were carried out, including the reopening of the pilot channel cut the previous year, and the cutting of a new channel to the south.

*Henderson's Creek: Channelling.*—5 miles 79 chains completed.

*Kingswell Creek: Channelling.*—2 miles 47 chains completed.

*Winton Channel: Improvements.*—4 miles 9 chains.