

The cost of reclamation in the area is borne jointly by the Government of Canada and the Government of Manitoba. Construction work so far has centred mainly along Edwards and Mink Creeks in the Riding Mountain area. The work consists of clearing and dyking stream channels and straightening the alignment of channels by building stream cutoffs and diversions. The larger portion of the work on these two streams was completed in 1951.

Stream bank erosion studies are also being continued on streams of Riding Mountain to stabilize stream banks and minimize erosion problems. It will be necessary to continue the studies for a number of years before definite results can be presented.

*Saskatchewan River Reclamation Project.*—Consideration has been given by P.F.R.A. during the past two years to the possibility of successfully reclaiming land for agriculture in the Pasquia area of the Saskatchewan River Delta region near the town of The Pas in Manitoba. Surveys and investigations are under way in the area to determine the feasibility of development. The work is being undertaken pursuant to a request made to the Government of Canada by the Provincial Governments of Manitoba and Saskatchewan.

A preliminary report on survey activities has been prepared and has been submitted to the Manitoba Government for consideration. Preliminary survey results indicate the possibility of reclaiming 96,000 acres of land in the area that would be suitable for cultivation if protected from floods and another 10,000 acres suitable for grazing.

*Assiniboine River Project.*—This project was undertaken as a direct result of damaging floods that occurred in 1950 in the vicinity of Winnipeg from the Assiniboine and Red Rivers. The project is being undertaken at the request of the Manitoba Government to prevent further flooding on the Assiniboine River, particularly between Brandon and Virden and between Portage la Prairie and Headling where thousands of acres of valuable agricultural land have been repeatedly inundated. All the studies undertaken are in conjunction with the Red River Basin investigation currently being carried out.

Several alternative plans are being investigated to divert excess water from the Assiniboine River during flood stages. Detailed study is being given to water runoff data in the Assiniboine River Drainage Basin and the possibilities of building water-storage works on the headwaters of the Assiniboine River.

*Lillooet Valley Reclamation Project.*—The Lillooet Valley Reclamation project has been undertaken upon agreement between the Government of Canada, the Government of British Columbia and the Pemberton Valley Reclamation District. This project is located in the Lillooet River Valley above and below the town of Pemberton and its objective is to protect lands now under cultivation from flooding and to reclaim additional lands by dyking and drainage. The land to be reclaimed will ultimately amount to 14,000 acres, which will allow farmers in the district to increase their holdings and also permit the settlement of hundreds of additional inhabitants.

Construction work to deepen and straighten the channel leading from Lillooet Lake to Green Lake, below the town of Pemberton, was completed during the 1949 construction season. The construction of dykes and drains to reclaim the flooded areas along Miller Creek to Ryan Creek and Green River to Miller Creek has been almost completed. No damage from flooding occurred in the protected areas during 1951-52.