

Committee completed a very thorough investigation and published a full and comprehensive report, not only on the projects on the international streams, but also on other projects in Alberta.

The allocation of water to the major irrigation projects in Alberta, as approved by the Prairie Provinces Water Board, are as follows:—

<i>Project</i>	<i>Acres Irrigable</i>	<i>Water Allocation in Acre-feet</i>
St. Mary and Milk River Development.....	465,000	796,000
Western Irrigation District.....	50,000	85,700
Eastern Irrigation District.....	281,000	562,000
Bow River Irrigation Development.....	240,000	478,534
United Irrigation District.....	34,000	51,000
Lethbridge Northern District.....	96,135	150,000
Mountain View Irrigation District.....	3,600	6,000
Ætna Irrigation District.....	7,300	13,000
Leavitt Irrigation District.....	4,400	7,000
Macleod Irrigation District.....	5,000	8,000
Private Projects.....	70,000	80,000
<b>TOTALS.....</b>	<b>1,256,435</b>	<b>2,237,234</b>

The following paragraphs outline development during the 1953-54 season:—

*St. Mary River Project.*—Progress on this project was good during the season despite delay caused by a wet spring. By early 1954, 263,000 acres were either being served, were completed and capable of being served or were under construction. To Mar. 31, 1954, the Alberta Government's expenditure on the project was estimated at \$11,739,361.

*Bow River Project.*—During the season, PFRA completed construction of the Travers dam and continued construction on the main canal and other works. The Alberta Government expended approximately \$200,000 on the Retlaw-Lomond section of the Bow River project and awarded the 1954-55 contract for that tract; appropriation for 1954-55 is \$750,000.

*William Pearce Irrigation Project.*—Surveys and studies were continued during 1953 regarding the suitability of the soils in those areas blocked out for the project.

*Macleod Irrigation District.*—This system was placed in operation for a short period in 1953 but very little irrigating was carried out. Most of the water run through the system was used to fill dugouts for stock-watering purposes. During the year extensions were made to the main canal and laterals. The amount expended on this project by the Provincial Government in the year ended Mar. 31, 1954, was \$21,400.

*Lake Level Stabilization.*—Water stabilization projects have been built as a co-operative effort between the Water Resources Office, the Department of Lands and Forests and Ducks Unlimited. For the most part, they are small structures placed in the outlets of major lakes and pipes are inserted through the dams to maintain steady flow in outlet creeks. These projects have a definite water conservation value as well as furnishing a habitat for fish and game. In 1953, work was done on Norberg and Bunder Lakes; the expenditure on these two projects was \$8,000.

*Heart River Project.*—No major construction was done on this project in 1953 but a canal that will supply water to the town of McLennan will be constructed in 1954.

*Stream Control.*—The season's work consisted of: additional dyking on the Highwood River for the purpose of retaining Bow River water in its own watershed; extending and repairing the dyke near the town of Fort Macleod, which was damaged