

Table C - Allocation of costs to project purposes - 100-year project life, separable costs - remaining benefits - Pembilier Dam and Lake

ITEM	FLOOD CONTROL	WATER SUPPLY	RECREATION	TOTAL
1. Benefits (1)	\$1,104,500	\$120,200	\$99,700	\$1,324,400
2. Alternative single-purpose project annual costs	1,091,100	117,000	533,400	1,741,500
3. Separable annual costs	710,500	0	92,200	802,700
4. Separable operation, maintenance, and replacement costs in (3)	25,000	0	11,700	36,700
5. Annual benefits limited by alternative costs	1,091,100	117,000	99,700	1,307,800
6. Remaining annual benefits (5 - 3)	380,600	117,000	7,500	505,100
7. Percentage of total for (6)	75.3	23.2	1.5	100.0
8. Allocated residual annual charges (1,258,100 - \$802,700) x (7)	342,900	105,700	6,800	455,400
9. Allocated residual operation, maintenance, and replacements costs (\$74,700 - \$36,700)(7)	28,600	8,800	600	38,000
10. Total annual costs (3 + 8)	1,053,400	105,700	99,000	1,258,100
11. Total operation, maintenance, and replacement costs (4 + 9)	53,600	8,800	12,300	74,700
12. Net annual costs (10 - 11)	999,800	96,900	86,700	1,183,400
13. Project Investment (2)	18,092,000	1,753,000	1,569,000	21,414,000
14. Interest during construction (lands) (3)	110,600	6,000	400	117,000
15. Interest during construction (3)	1,355,000	96,700	45,300	1,497,000
16. Project First Cost (13 - (14 + 15))	16,626,400	1,650,300	1,523,300	19,800,000

(1) Flood control benefits include damages prevented in Canada and the United States of \$971,300, U.S. regional benefits of \$133,200. U.S. regional employment gains which are a part of the regional benefits total \$32,400 and are distributed as follows: \$26,900 to flood control, \$3,200 to water supply, and \$2,300 to recreation.

(2) Derived from Net Annual Costs and U.S. Federal interest rate of 5½ percent.

(3) Interest during construction = interest on separable cost + (interest on Joint Cost) (adjusted percentage of total).