

Table A - Multiple-purpose project costs - specific and joint-use costs

ITEM	Specific Costs			JOINT-USE COSTS	TOTAL
	FLOOD CONTROL	WATER SUPPLY	RECREATION		
<u>Direct first Costs</u>					
Lands and damages <sup>(1)</sup>				\$710,000	710,000
Highway relocations				1,354,000	1,354,000
Reservoir				178,000	178,000
Embankment				4,807,000	4,807,000
Spillway				4,778,000	4,778,000
Outlet Works				3,902,000	3,902,000
Channels	\$110,000			-	110,000
Fish & Wildlife Mitigation				726,000	726,000
Recreation facilities			\$1,186,000		1,186,000
Total Direct First Costs	110,000		1,186,000	16,455,000	17,751,000
<u>Indirect first Costs</u>					
Engineering & Design	5,000		115,000	941,000	1,061,000
Supervision and Administration	5,000		115,000	868,000	988,000
Total Indirect First Costs	10,000		230,000	1,809,000	2,049,000
Total First Costs	120,000		1,416,000	18,264,000	19,800,000
<u>Project Investment</u>					
Interest during construction (land) <sup>(2)</sup>				117,000	117,000
Interest during construction <sup>(3)</sup>	10,000		39,000	1,448,000	1,497,000
Total Project Investment	130,000		1,455,000	19,829,000	21,414,000
<u>Annual Costs</u>					
Interest and Amortization	7,200		80,400	1,095,000	1,183,400
Operation, Maintenance, and Replacements	2,000		11,700	61,000	74,700
Total annual costs	9,200		92,100	1,156,800	1,258,100
Annual benefits					1,324,400 <sup>(5)</sup>
Net Benefits					66,300
Benefit-Cost Ratio					1.05

(1) Exclusive of lands for fish and wildlife mitigation, recreation development, and natural preservation area.

(2) Purchase of lands assumed to commence 3 years prior to start of construction

(3) Construction period of dam assumed to be 3 years.

(4) Assumes one third of recreation facilities will be constructed concurrent with dam construction.

(5) Includes Canadian flood control benefits attributable to the project of \$147,200 and U.S. regional benefits of \$138,700.