

ALLOCATION # 2 - NATIONAL BENEFITS PLUS REGIONAL BENEFITS

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 (1)				\$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 and 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 and 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) (2)				122,000	122,000
Interest during construction (3)	10,000		34,000 (4)	1,534,000	1,578,000
Total project investment	130,000		1,450,000	19,920,000	21,500,000
<u>Annual costs</u>					
Interest and amortization	7,200		83,800	1,150,000	1,241,000
Operation, maintenance, and replacements	2,000		11,700	61,000	74,700
Total annual costs	9,200		95,500	1,211,000	1,315,700
Annual benefits					1,324,400 (5)
Net benefits					8,700
Benefit-cost ratio					1.01

(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.