	YEAR OF PROJECT							
	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	**TOTALS**
Net Economic benefit	0	50,000	60,000	70,000	80,000	90,000	100,000	
Discount Rate (11%)	0	0.9009	0.8116	0.7312	0.6587	0.5935	0.5346	
PV of Benefits	0	45,045	48,697	51,183	52,698	53,411	53, 464	
NPV of all BENEFITS	0	45,045	93,742	144,925	197,623	251,034	304,498	**304,498**
ONE TIME-COSTS	**-80,000**							
Recurring Cost	0	-45,000	-45,000	-45,000	-45,000	-45,000	-45,000	
Discount Rate(11%)	0	0.9009	0.8116	0.7312	0.6587	0.5935	0.5346	
PV of Recurring Costs	0	-40,541	-36,523	-32,904	-29,643	-26,705	-24,059	
NPV of all COSTS	-80,000	-120,541	-157,064	-189,968	-219,611	-246,316	-270,375	**-270,375**
Overall NPV								**34,123**
Overall ROI = (Overall NPV - NPV of all COSTS)								**0.13**
Break-Even Analysis								
Yearly NPV Cash Flow	-80,000	4,504	12,174	18,279	23,055	26,706	29,405	
Overall NPV Cash Flow	-80,000	-75,496	-63,322	-45,043	-21,988	4,718	34,123	

Project break-even occurs between years 4 to 5

Use first year of positive cash flow to calculate break-even fraction = ((26,706 - 4,718 / 26,706)) = .823

Actual break-even occurred at 4.8 years