

	Year 1 (present)	Year 2	Year 3	Year 4
Benefit(\$)	40000	60000	70000	80000
Discount Rate (%)	8	8	8	8
Discount factor	1	0.9259	0.8573	0.8573
Present Value (\$)	40000	55556	60014	68587

	Year 1 (present)	Year 2	Year 3	Year 4	Net
With Project Benefit(0,0.2%,0.25%,0.3%), \$	40000	48000	50000	52000	
Costs(1.3%,0.9%,0.1%), \$	52000	36000	4000	0	

	Year 1 (present)	Year 2	Year 3	Year 4
Without Project Benefit(1 %, 0.8%, 0.75%,0.7%),\$	40000	32000	30000	28000
Costs (.3%, .4%,.5%.6%),\$	12000	16000	20000	24000

Incremental Net Benefit, \$	0	16000	20000	24000	
Present Value of Incremental Net Benefit(8%)	0	14815	17147	19052	51013.57
Incremental Net Cost, \$	40000	20000	-16000	-24000	
Present Value of Incremental Net Cost(8%)	40000	18519	-13717	-19052	25749.12
Economic Net Present Value , \$					25264.44
					1.981177

#### Sensitivity Analysis ( 3% discount rate)

	Year 1 (present)	Year 2	Year 3	Year 4	Net
With Project Benefit, \$	40000	48000	50000	52000	
Costs. \$	52000	36000	4000	0	

	Year 1 (present)	Year 2	Year 3	Year 4	Net
Without Project Benefit, \$	40000	32000	30000	28000	
Costs (.7%, .8%,.9%.1%),\$	12000	16000	20000	24000	

Incremental Net Benefit, \$	0	16000	20000	24000	
Present Value of Incremental Net Benefit(3%)	0	15534	18852	21963	56349.3
Incremental Net Cost, \$	40000	20000	-16000	-24000	
Present Value of Incremental Net Cost(3%),\$	40000	19417	-15082	-21963	22372.54
Economic Net Present Value , \$					33976.76
					2.518681

#### Sensitivity Analysis ( 10% discount rate)

	Year 1 (present)	Year 2	Year 3	Year 4	Net
With Project Benefit,\$	40000	48000	50000	52000	
Costs,\$	52000	36000	4000	0	

	Year 1 (present)	Year 2	Year 3	Year 4
Without Project Benefit,\$	40000	32000	30000	28000
Costs (.7%, .8%,.9%.1%),\$	12000	16000	20000	24000

Incremental Net Benefit,\$	0	16000	20000	24000	Net
Present Value of Incremental Net Benefit(10%),\$	0	14545	16529	18032	49105.94
Incremental Net Cost,\$	40000	20000	-16000	-24000	
Present Value of Incremental Net Cost(10%),\$	40000	18182	-13223	-18032	26927.12
Economic Net Present Value , \$					22178.81
					1.823661

Economic Net Present Value(Discount Rate: 8 % )	198%
Economic Net Present Value(Discount Rate: 3% )	251%
Economic Net Present Value(Discount Rate10 % )	182%