

Project Summary Sheet						
Client/Authority Scarborough Borough Council			Prepared (date)		17/08/2004	
Project name Burniston, Cloughton & Quarry Becks - Combined Option 3			Printed		JF	
Project reference NA			Prepared by		TAI	
Base date for estimates (year 0) Jun'04			Checked date			
Scaling factor (e.g. £m, £k, £) £k			(used for all costs, losses and benefits)			
Principle land use band B			(A to E)			
Discount rate 3.0%						
Costs and benefits of options						
	Costs and benefits £k					
	Do Nothing	Do Minimum	Combined Option A (Q25 Works)	Combined Option A (Q50 Works)	Combined Option A (Q100 Works)	Combined Option A (Q200 Works)
	-	31.50	666.70	787.30	1,313.67	1,583.85
	3,876.60	3,359.93	2,696.31	1,929.78	940.71	337.83
		516.67	1,180.29	1,946.82	2,935.89	3,538.76
		516.67	1,180.29	1,946.82	2,936.89	3,540.76
		485.17	513.59	1,159.52	1,623.22	1,956.92
		16.40	1.77	2.47	2.24	2.24
Incremental benefit/cost ratio		1.04	6.36	1.88	2.24	
- Highest b/c - - -						
Brief description of options:						
Do Nothing	Do nothing					
Do Minimum	Channel clearance and annual maintenance to ensure channel stays clear					
Combined Option A (Q25 Works)	Q25 Works					
Combined Option A (Q50 Works)	Q50 Works					
Combined Option A (Q100 Works)	Q100 Works					
Combined Option A (Q200 Works)	Q200 Works					
Notes:						
1) Benefits will normally be expressed either in terms of damage avoided or asset values protected. Care is needed to avoid double counting						
2) PV damage avoided is calculated as PV damage (No Project) - PV damage (Option) PV asset protection benefits are calculated as PVa (Option) - PVa (No Project) PV benefits calculated as PV damage avoided + PV asset protection benefits						
3) Incremental benefit/cost ratio is calculated as: $\frac{PVb(\text{current option}) - PVb(\text{previous option})}{PVc(\text{current option}) - PVc(\text{previous option})}$						