

Asset Annual Average Damage - Residential										Sheet Nr.
Client/Authority Scarborough Borough Council										
Project name Church Beck Combined Option 5 - Upper										
Option: Do nothing										
Project reference										
Base date for estimates (year 0)		N/A		Jun'04		Prepared (date)		16/08/2004		
Scaling factor (e.g. £m, £k, £)		£k				Printed		EJA		
Discount rate		3.0%				Prepared by		JF		
Applicable year (if time varying)						Checked by				
						Checked date				
Average waiting time (yrs) between events/frequency per year										
	2	5	10	25	50	75	100	200	infinity	
	0.05	0.200	0.100	0.040	0.020	0.013	0.010	0.005	0	0
Residential property	Damages £k									Annual Damage £k/ year
Toad Cottage	0	0	0	30	55	55	63	69	73.94	3.01
Church Beck Cottage	0	30	55	63	63	63	63	63	63.11	8.06
Other (Brook View)	0	0	6	55	63	63	63	63	63.11	4.61
Dainton	0	0	0	30	55	55	63	63	63.11	2.95
Homestead	0	0	0	0	0	30	38	55	71.48	0.77
School House	0	0	0	0	30	38	38	63	87.74	1.29
Low Hall Pavilion		0	0	0	38	38	55	63	71.24	1.43
Low Hall Cottage1		0	0	0	6	30	30	38	46.71	0.67
Low Hall Cottage 2		0	0	0	0	6	30	38	46.71	0.47
Heycliffe Cottage		0	0	0	38	55	63	63	63.11	1.52
Quantock		0	0	0	38	55	63	63	63.11	1.52
43 Scalby Road		0	0	37	40	56	45	48	51.66	2.84
41 Scalby Road		0	0	37	40	56	45	48	51.66	2.84
39 Scalby Road		0	0	40	43	58	45	51	57.21	3.05
37 Scalby Road		0	0	40	43	45	45	51	57.21	2.99
35 Scalby Road		0	0	40	43	45	48	51	53.82	2.99
33 Scalby Road		0	0	40	43	45	48	51	53.82	2.99
23 Scalby Road		0	0	40	45	45	48	51	53.82	3.02
21 Scalby Road		0	0	40	45	48	48	51	53.82	3.03
19 Scalby Road		0	0	21	40	43	43	45	46.64	2.12
14 Scalby Road		0	0	40	17	45	48	51	53.82	2.65
12 Scalby Road		0	0	40	17	45	48	51	53.82	2.65
10 Scalby Road		0	0	40	17	45	45	48	51.66	2.61
113 Hackness Road		0	22	27	41	41	41	41	40.54	4.04
111 Hackness Road		0	0	22	22	22	22	22	21.66	1.52
31 Scalby Road		0	0	51	56	58	62	66	68.71	3.83
29 Scalby Road		0	0	51	58	58	62	66	68.71	3.86
27 Scalby Road		0	0	51	58	58	62	66	68.71	3.86
25 Scalby Road		0	0	51	58	58	62	66	68.71	3.86
26 Scalby Road		0	0	46	56	56	58	62	66.69	3.57
24 Scalby Road		0	0	46	56	58	58	62	66.69	3.58
22 Scalby Road		0	0	46	56	58	58	62	66.69	3.58
20 Scalby Road		0	0	51	56	58	58	66	73.06	3.82
18 Scalby Road		0	0	51	56	58	58	66	73.06	3.82
16 Scalby Road		0	0	51	58	58	62	66	68.71	3.86
Total Residential (£k)	0	30.23738	83.111214	1176.534	1450.013	1704.783	1792.075	1948.148	2104.22246	103.28
(transferred to AAD)										

Notes

Area calculations assume drop to zero at maximum frequency.

Default value for the highest possible damage assumes continuation of gradient for last two points, an alternative value can be entered, if appropriate.

One form should be completed for each option, including 'without project', and for each representative year if profile changes during scheme life

Annual damage should not exceed annual value for a property

This sheet links to Summary AAD