

Asset Annual Average Damage - Residential										Sheet Nr. 																		
Client/Authority																												
Scarborough Borough Council																												
Project name																												
Church Beck Combined Option 4 - Upper																												
Project reference																												
Base date for estimates (year 0)				N/A		Option:			Do nothing																			
Scaling factor (e.g. £m, £k, £)				£k		Prepared (date)			Printed																			
Discount rate				3.0%		Prepared by			EJA																			
Applicable year (if time varying)						Checked by			JF																			
						Checked date																						
Average waiting time (yrs) between events/frequency per year																												
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">2</td> <td style="padding: 2px 10px;">5</td> <td style="padding: 2px 10px;">10</td> <td style="padding: 2px 10px;">25</td> <td style="padding: 2px 10px;">50</td> <td style="padding: 2px 10px;">75</td> <td style="padding: 2px 10px;">100</td> <td style="padding: 2px 10px;">200</td> <td style="padding: 2px 10px;">infinity</td> </tr> <tr> <td style="padding: 2px 10px;">0.05</td> <td style="padding: 2px 10px;">0.200</td> <td style="padding: 2px 10px;">0.100</td> <td style="padding: 2px 10px;">0.040</td> <td style="padding: 2px 10px;">0.020</td> <td style="padding: 2px 10px;">0.013</td> <td style="padding: 2px 10px;">0.010</td> <td style="padding: 2px 10px;">0.005</td> <td style="padding: 2px 10px;">0</td> </tr> </table>											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
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																				
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	83.11121	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