

Bella Coola Flood Response Advisory Committee

Flood Response Advisory Committee															Ranking					
Flood risk assessment by area. Includes area values, likelihood of occurrence and CCRD ability or responsibility to mitigate																				
Area Inventory									Hazard estimates and principle structures affected					Mitigation summary ranking (hazard vs consequence)						
Ref #	Area description	Affecting water course	Critical Infrastructure	Homes	Business	Ag land	other	Asset ranking (what's affected)	Overland flooding - homes	Erosion threat - homes	Access threat - private	Access threat - roads	Other	Event ranking (How likely)	Risk causes	Potential options	Cost level to mitigate	Previously registered structure? (If a dike)	Consequence ranking 1-10 (low to high)	Ranking
1	Upper Hagensborg Dike	BCR	Entire community Telus Station	40	10	yes	business, community, social	9	38	2	38	4	School highway 20 threat	9	high water events	dike enhancement	high	yes - provincial	9	9.0
2	Hagensborg Gap	BCR	Entire community Telus Station	30	7	yes	business, community, social	8	28	2	25	4	hwy 20 threat	9	high water events	dike enhancement	high	no	8	8.3
3	Thorsen FSR	Thorsen Creek	CCRD Landfill	9	2	yes	fish habitat	7	6	3		3	enviro threat	8	failed creek bank/FS road	right bank armour, key into hard point	low to medium	yes	8	7.6
4	Airport area	BCR - Klonnik Creek	Airport Facility - weather station - forestry office	10	3	yes	multi purpose	9	10	0	3	2	all air facilities	5	high water events	dike enhancement	high	yes - provincial	7	7.0
5	Lower Hagensborg Dike	BCR	Airport Facility - weather station - Telus facility	13	3	yes	business, community, social	7	13	2	10	1	hwy 20 threat	7	high water events	dike enhancement	high	yes - provincial	6	6.6
6	Lower townsite	Bella Coola River	Hospital/clinic, seniors living facility, school	6	0	no	support society, bio-med hazard?	7	4	2	2	2		7	bedload and BCR directional change	left bank armour enhance & lengthen	medium	no	6	6.6
7	Lower Nusatsum left bank	Nusatsum River	Saloompt road, Sawmill site	15+		no	serviced sub-division	7	13	2	2	3	roadway and services	7	high water events spontaneous flooding	dike enhancement bedload management	high	yes, small provincial structures	5	6.3
8	Klonnik area	Klonnik Creek	Rock quarry - highway 20	15	4	yes	JW Chapel	9	15	0	10	1		4	spontaneous flooding	bedload management	medium	yes - provincial	6	6.3

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9	Lower Thorsen	Thorsen Creek	Highway bridge	3	1	yes	fish habitat	9						2	high water	bedload management	high	yes - provincial	7	6.00
10	Upper Thorsen	Thorsen Creek	4-Mile Subdivision-water wells - hydro gen station	40	5	no	community, fuel stations(2), hydro gen station	9	40	?	?	5	school, band office, fire hall	6	high water events	dike toe repair	medium	yes, federal	2	5.67
11	Upper Nusatsum, right bank	Nusatsum River	Hwy 20	7	4	no	highway stretch	3	5	2	7	1		8	spontaneous flooding	channel closure	low	yes - unknown ownership	5	5.33
12	Upper Firvale	BCR and Burnt Bridge Creek	highway 20	4	3	yes	farm land	3	0	1	4	1		8	high water events	not clear	high	no	3	4.67
13	Lower Saloompt	BCR & Saloompt	Saloompt River Road	18	2	yes	bridge and park	5	16	2	16	1		7	high water events spontaneous flooding	not clear	high	no	1	4.33
14	Firvale Fan	Ratcliff creek	highway 20	9	4	yes		3	6	3	8	1		7	spontaneous flooding	bedload management	medium	no	3	4.33
15	Walker Island West	BCR & Snootli Creek	WI Road bridges	0	1	yes	CCRD & private rec facilities	3	0	0	2	1	can block access to WI east residents	8	high water and channel overflow events	close off channel?	medium	no	2	4.33
16	Snootli Creek	Snootli Creek	Highway 20 - Fish hatchery	10	2	no	Hag Water District Intake	8	10	0	6	1	Water district intake	3	spontaneous flooding	bedload management	medium	yes - provincial	2	4.33
17	Lower Snooka	Snooka Creek	Grant Road	3	1	yes	fish habitat	3	3	0	2	1		9	back watering	clearing channel?	low	no	1	4.33
18	N. Grant Road	BCR	Grant Road bridges	6	1	no	fish habitat	3.5	3	3	5	1		7	highwater, bedload, LWD	armour? Bedload managment	high	no	2	4.17
19	Canoe Crossing	BCR	Highway 20 Hammer Road	7	2	yes	farm land	4	7	0	7	2		7	high water events	not clear	high	no	1	4.00

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20	Lower Firvale	BCR		6	2	yes	farm land	2	5	0	6	0		8	high water events	not clear	high	yes, provincial training structure	2	4.00
21	Upper Saloompt	Saloompt River	Saloompt road	15	2	no		5	13	2	15	2		5	spontaneous flooding	not clear	medium	no	1	3.67
22	Ponds area	BCR	Highway 20 Waterline Powerline Telephone lines	0	0	no		6	0	0	0	1		4	high water flood events	raise highway	high	no	1	3.67
23	Upper Snooka	Snooka Creek		8	1	yes	Lodge	4	8	0	1	0		4	spontaneous flooding	not clear	medium	no	3	3.67
24	Glacier View	BCR	Highway 20	12	6	yes		4	11	1	13	1	campsite	4	high water events	bank armouring	low	no	3	3.67
25	Walker Island East	BCR		4	0	no		2	4	2	1	1		6	high water events	not clear	high	no	1	3.00
26	Burnt Bridge Fan	Burnt Bridge Creek	highway 20	4	3	yes	farm land	3	3	1	4	1		3	spontaneous flooding	not clear	medium	yes, partial provincial structure	2	2.67
27	McLellan Rd	BCR and McLellan Ck	side road bridge	4	1	yes	fish habitat	2		4	0	0	private business	3	high water and channel overflow events	not clear	low	no	2	2.33
28	Stu Speck Bench	BCR	Highway 20	4		yes		3	1	3				2	high water events	bedload management	high	no	1	2.00

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29	Lower Nusatsum right bank	Nusatsum River		6	1	yes	private sawmill	2	2	4	2	1		2	high water events spontaneous flooding	bedload management	high	no	1	1.67
30	River road	Tastsquan BCR	warehouse?	4	0	no		2	4			1		2	not clear	not clear	unknown	yes - federal	1	1.67
STATISTICS (approximate values only)																				
Homes threatened by overland flooding				268																
Homes threatened by erosion/washout				41																