



**Use and Limitations of Floodplain Maps**

- Users must note the dates of base mapping, aerial photography, river surveys and issues of maps relevant to dates of development in the map area. Subsequent developments or changes within the floodplain or channel (natural or constructed) will affect flood levels and render site-specific map information obsolete.
- Floodplain maps are administrative tools which depict minimum flood elevations and boundaries. Flooding may occur outside of the designated floodplain boundary.
- Floodplain maps do not provide information on site-specific flood hazards such as bank erosion or high water velocity, sudden shifts in the channel of the watercourse, or alluvial and debris flow fan areas.
- Other sources of water, roads, railways or other barriers can restrict water flow and affect local flood levels. As well, obstructions such as ice and debris, flooding in surrounding areas, channel deposition, groundwater or other phenomena can cause flood levels to exceed those indicated on the map. Land adjacent to a floodplain may be subject to flooding from tributary watercourses.
- Floodplain maps do not indicate or locate legal survey boundaries. A site survey is required to reconcile property location, ground elevations, and designated flood level information.
- The accuracy of the location of a floodplain boundary as shown on this map is limited by the base topography. It is generally assumed to be plus or minus one-half the increment of the ground contours.
- Professional assistance and detailed engineering analysis are required to address any of the above considerations.

**NOTE:**

- THE FLOODPLAIN LIMITS AS SHOWN ARE WITHIN THE ACCURACY OF THE BASE MAPPING. SITE SPECIFIC GROUND ELEVATIONS SHOULD BE CONFIRMED BY FIELD SURVEY.
- PROBLEMS RELATED TO MAJOR CHANNEL DISLOCATION, PROPERTY DAMAGE AND DEBRIS JAMMING HAVE BEEN OBSERVED IN THE SHUSWAP RIVER FLOODPLAIN.
- PONDING MAY OCCUR UPSTREAM OF TRANSPORTATION ROUTE EMBANKMENTS DUE TO DEBRIS JAMMING OF BRIDGES OR CULVERTS RESULTING IN THE FLOOD LEVELS SHOWN TO BE EXCEEDED.

**UNNAMED CREEK ALLUVIAL FAN**

IN ADDITION TO POSSIBLE INUNDATION BY SHUSWAP RIVER FLOWS, THE FAN AREA IS SUBJECT TO SPECIAL FLOOD HAZARDS DUE TO POSSIBLE CHANNEL AVULSION AND EROSION CAUSED BY CHANNEL ACCRETION AND/OR DEBRIS JAMMING. THE FAN EXTENDS INTO THE SHUSWAP RIVER FLOODPLAIN. THE REQUIREMENTS OF THE REGIONAL DISTRICT OF NORTH OKANAGAN FLOODPLAIN MANAGEMENT BYLAW AND THE DESIGNATED SHUSWAP RIVER LEVELS MUST BE SATISFIED IN THIS ALLUVIAL FAN AREA. A SITE SPECIFIC STUDY MAY BE REQUIRED.

NOTES		FLOODPLAIN DATA		LEGEND		KEY MAP		REVISIONS		ISSUE OF MAPPING		ENVIRONMENT CANADA		BRITISH COLUMBIA		CANADA		FILE No.	
Produced by: British Columbia Water Management Division, Hydrology Branch, Flood Identification Section.		1. The floodplain areas as depicted on this map have been designated pursuant to the Canada/British Columbia Floodplain Mapping Agreement (1988) by the Minister of the Environment for Canada and the Minister of Environment, Lands and Parks for British Columbia.		DESIGNATED FLOODPLAIN LIMIT		SCALE 1:250,000		No.		DATE September 30, 1998		ENVIRONMENT CANADA Eaux Interieures		BRITISH COLUMBIA Ministère de l'Environnement		CANADA Ministère de l'Environnement, des Terres et des Parcs		35100-30/128-8355	
Survey: River survey done by Water Management Division, Hydrology Branch, Technical Support Section, Project.		2. The flood levels were computed using a standard step method modelling technique, assuming open water flow conditions.		FLOOD LEVEL		200 Year Frequency		DESCRIPTION		DRAWN T.E./A.D.		ENVIRONMENT CANADA Eaux Interieures		BRITISH COLUMBIA Ministère de l'Environnement		CANADA Ministère de l'Environnement, des Terres et des Parcs		N.T.S. MAP No.	
Mapping: Base mapping done by Lands Services Division, Surveys and Resource Mapping Branch (SRMB), Topographic Section, Project 97-077 dated June, 1995, NAD 83, Air Photography 1990.		3. The floodplain limits assume the absence of all dykes.		200 Year Frequency		200 Year Frequency		DATE		CHECKED		ENVIRONMENT CANADA Eaux Interieures		BRITISH COLUMBIA Ministère de l'Environnement		CANADA Ministère de l'Environnement, des Terres et des Parcs		82L	
a) Contour interval 1 metre and greater, with spot elevations shown to 0.1 metres, with a specified accuracy of 0.3 metres, except where noted. Contact SRMB for further details on base mapping specifications.		4. The floodplain limits are not established on the ground by legal survey.		200 Year Frequency		200 Year Frequency		RIVER SURVEY		DESIGNED		ENVIRONMENT CANADA Eaux Interieures		BRITISH COLUMBIA Ministère de l'Environnement		CANADA Ministère de l'Environnement, des Terres et des Parcs		SCALE	
b) Grid origin referred to U.T.M. Projection Zone 11.		5. The floodplain limits are not delineated for side streams and tributaries.		200 Year Frequency		200 Year Frequency		M.P.		B.B.		ENVIRONMENT CANADA Eaux Interieures		BRITISH COLUMBIA Ministère de l'Environnement		CANADA Ministère de l'Environnement, des Terres et des Parcs		1:5 000	
		6. The required setback of buildings from the natural boundaries of lakes and watercourses to allow for the passage of floodwaters and possible bank erosion is not shown. This information is available either through local municipalities or the Ministry of Environment, Lands and Parks, MAP AND AIR PHOTO SALES, VICTORIA, B.C.		200 Year Frequency		200 Year Frequency		ENGINEER		R. J. Rodman		ENVIRONMENT CANADA Eaux Interieures		BRITISH COLUMBIA Ministère de l'Environnement		CANADA Ministère de l'Environnement, des Terres et des Parcs		NEGATIVE No.	
								RECOMMENDED		R. W. Nickles		ENVIRONMENT CANADA Eaux Interieures		BRITISH COLUMBIA Ministère de l'Environnement		CANADA Ministère de l'Environnement, des Terres et des Parcs		DRAWING No.	
								APPROVED		J. H. H.		ENVIRONMENT CANADA Eaux Interieures		BRITISH COLUMBIA Ministère de l'Environnement		CANADA Ministère de l'Environnement, des Terres et des Parcs		96-7-3	
												ENVIRONMENT CANADA Eaux Interieures		BRITISH COLUMBIA Ministère de l'Environnement		CANADA Ministère de l'Environnement, des Terres et des Parcs		SHEET 3 of 8	