

SEE SHEET 1

ARROW RESERVOIR
FLOOD LEVEL
443.5 metres

Use and Limitations of Floodplain Maps

- Users must note the dates of base mapping, aerial photography, river surveys and issue of mapping 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 floodplain boundaries. Flooding may occur outside of the designated floodplain boundary.
- Floodplain maps do not provide information on site-specific flood hazards such as, land 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:
NAKUSP CREEK FLOODPLAIN LIMITS NOT DETERMINED.

NOTES		FLOODPLAIN DATA		LEGEND	KEY MAP	REVISIONS		ISSUE OF MAPPING	ENVIRONMENT CANADA INLAND WATERS		BRITISH COLUMBIA MINISTRY OF ENVIRONMENT		CANADA BRITISH COLUMBIA FLOODPLAIN MAPPING AGREEMENT		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 (1998) by the Minister of the Environment for Canada and the Minister of Environment, Lands and Parks for British Columbia.				No.		DESCRIPTION	DATE	ENVIRONMENT CANADA EAUX INTÉRIEURES		COLUMBIE-BRITANNIQUE MINISTÈRE DE L'ENVIRONNEMENT		L'ACCORD CANADA COLUMBIE-BRITANNIQUE SUR LA CARTOGRAPHIE DES PLAINES D'INONDATION		35100-30/300-7075
Survey: River survey done by Water Management Division, Hydrology Branch, Technical Support Section, Project 84 14 F037.		2. The flood levels were computed using a standard step method modelling technique, assuming open water flow conditions.				1		DESIGNATED FLOODPLAIN LIMIT	SEPT 30 1998	DRAWN		FLOODPLAIN MAPPING		N.T.S. MAP No.		
Mapping: Base mapping done by Lands Services Division, Surveys and Resource Mapping Branch, (SRMB) Topo/GB Section, Project 84-103 dated Aug. 1986, NAD 27. Air photography 1984.		3. The floodplains limits assume the absence of all dikes.				2		FLOOD LEVEL		CHECKED		ARROW RESERVOIR and KUSKANAX CREEK		82K		
a) Contour interval 1 metre and greater; with spot elevations shown to 0.1 metres, with a specified accuracy of 1.0 metres, except where noted. Contact SRMB for further details on base mapping specifications.		4. The floodplains limits are not delineated for side streams and tributaries.				3		200 Year Frequency		RIVER SURVEY		Scale in metres		Negative No.		
b) Grid origin referred to U.T.M. Projection Zone 11.		5. 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.				4		20 Year Frequency		T.D.		100m 0 100 200 300 400 500m		DRAWING No. REV.		
		6. MAPS AVAILABLE FROM THE MINISTRY OF ENVIRONMENT, LANDS AND PARKS, SURVEYS AND RESOURCE MAPPING BRANCH, MAPS B.C., MAP AND AIR PHOTO SALES, VICTORIA, B.C.				5		(METRES G.S.C. DATUM)		DESIGNED		Scale in metres		94-6-2		
		7. MAPS AVAILABLE FROM THE MINISTRY OF ENVIRONMENT, LANDS AND PARKS, SURVEYS AND RESOURCE MAPPING BRANCH, MAPS B.C., MAP AND AIR PHOTO SALES, VICTORIA, B.C.				6		20 Year Frequency		ENGINEER		RECOMMENDED		APPROVED		SHEET 2 of 2
						7				Rw Nield		R.W.N.		J. L. L. L.		