

Table1



Flood Hazard - Engineered Flood Risk Mapping in the RVCA Area of Jurisdiction (December 2009)

For CA Act regulatory purposes, permission for development related to the 'use of land' is required in the areas specified below.

Watercourse	Reach	Flood Risk Mapping Report				
		Consultant	Year Completed	Standards	Status	Comment
Ottawa River	Shirley's Bay to Rockland	MacLaren Plansearch	1984	FDRP ²	OK	Hydrologic analysis reviewed in 1996 re: Britannia Village flood control initiative
Rideau River	Rideau Falls to Hog's Back Falls	A.J. Robinson	1984	FDRP	OK	
	Hog's Back Falls to Roger Stevens Dr.(Kars bridge)	M.M. Dillon	1989	FDRP	OK	
	Roger Stevens Dr. to Burritt's Rapids	Robinson	2003	FDRP	OK	
	Burritt's Rapids to Smiths Falls (Old Sly's Locks)	J.F. MacLaren	1976	Pre-FDRP	OK	Ortho-photo base does not include topographic contours
	Smiths Falls (Old Sly's Locks to Abbott St.)	J.F. MacLaren	1979	Pre-FDRP	OK	Ortho-photo base does not include topographic contours
	Abbott St. in Town to Poonamalie Dam (downstream)	RVCA	2009	FDRP	New	No change to 1:100 year flow estimate; hydraulic model and floodlines updated based on new topography (from 2006 imagery)
Jock River	Rideau River to Richmond Fen	PSR Group & J.F. Sabourin	2005	FDRP+	OK	
	Richmond Fen to Ashton Dam	PSR Group & J.F. Sabourin	2005	FDRP+	OK	
	Van Gaal Drain N. of Perth St. Village of Richmond	J.F. Sabourin	2009	FDRP	New	Flood lines plotted in consideration of City of Ottawa Community Design Plan requirements.
Steven Creek	Rideau River to Malakoff Rd.	Robinson	1995	FDRP	OK	
	Extensions in Village of N. Gower	RVCA	2008	FDRP	New	Additional flood plain definition to satisfy City of Ottawa Community Design Plan requirements.
Kemptville Creek	Rideau River to Road 43	Robinson	2003	FDRP	OK	
	Road 43 in Town of Kemptville west to Village of N. Augusta (Cty. Rd. 6 crossing west of Village); North Branch (to above Land O'Nod Rd.)	RVCA	2009	FDRP	New	Additional flood plain hydrology analysis along with establishment of regulation limits for other hazards (imagery 2001).
Tay River	Tay Marsh to Glen Tay	Fenco	1981	Pre-FDRP	OK	
	Blueberry Ck. outlet - Tay R.	RVCA	2009	FDRP	New	Hazard definition and regulation limit plotting.

² FDRP means 'Flood Damage Reduction Program' and refers to standards established by the Governments of Canada and Ontario for defining flood hazard limits.

to Blueberry Marsh PSW					
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