

**Emergency Flooding GIS Support**  
**for the**  
**BC Provincial Emergency Program**  
**by the**  
**Integrated Land Management Bureau**

**April 2007**



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# **Flood Incident GIS Mapping Support for the BC Provincial Emergency Program Contact Information and Protocols**

## **Background**

The Integrated Land Management Bureau (ILMB) is the lead agency for providing emergency incident GIS mapping support for the BC Provincial Emergency Program (PEP). In 2007, record snowpacks have resulted in a high risk of flooding throughout much of British Columbia. Snowpack and environmental conditions present the highest potential for significant and widespread flooding since snowpack levels have been monitored (1948). Specific areas with high levels of risk include:

- Fraser River, including lower mainland,
- Nechako (Vanderhoof, etc.),
- Skeena & Bulkley (Smithers, Terrace, Houston),
- Thompson (Kamloops),
- Nicola/Coldwater (Merrit),
- Peace.

This document outlines the ILMB mapping contacts, protocols and procedures specific to flooding emergency response GIS support.

## **Requests for ILMB Mapping Support**

Through a service level agreement (SLA), the ILMB provides GIS service to PEP for preparedness planning and operational response. Mapping support may be resourced with ILMB GIS staff that are PEP TEAMS members<sup>1</sup>, internal ILMB GIS staff or a pre-qualified GIS contractor.

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<sup>1</sup> Carol Ogborne and Aaron McMillan, ILMB Victoria  
Steve Kachanoski, ILMB Kamloops  
Joshua Chan, ILMB Surrey

ILMB TEAMS members will be deployed to incidents according to PEP protocols and procedures<sup>2</sup>.

Over and above these resources, emergency incident GIS assistance can be requested from the ILMB through the regional contacts listed in Appendix 1.

Regional PEP contacts are listed in Appendix 2.

### **‘Stand-by’ GIS Support during Non-business Hours**

The ILMB will provide fiscal resources to cover ‘stand by’ pay for GIS staff when high flood hazard occurs during non-business hours.<sup>3</sup> Regional ILMB contacts, managers (Appendix 1) and PREOC managers (Appendix 2) should connect locally to determine when and if stand-by support is warranted. Protocols governing stand-by response times, procedures and compensation will be as per Article 14 of the BCGEU Collective Agreement.

**Note to ILMB Contacts: Only managers can direct staff to go on stand-by support.**

ILMB contacts and managers can reference the ILMB Emergency Support Roster (Appendix 3) depending on the GIS support requirement.

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<sup>2</sup> This may include deployment through Regional PREOC operational response protocols or possibly dispatched through the Provincial Emergency Coordination Centre (PECC).

<sup>3</sup> 08:30 to 16:30 Monday to Friday

## Appendix 1 – ILMB Contacts

	<b>ILMB Contact</b>	<b>Service Location</b>	<b>Work Phone</b>	<b>Cell Phone</b>
<b>PEP Mapping Support Coordinator</b>	Carol Ogborne	Provincial	250 356-6998	250 882-9496

<b>PEP Region</b>	<b>ILMB Contact</b>	<b>Service Location</b>	<b>Work Phone</b>	<b>Cell Phone</b>
<b>CRL PREOC</b>	Sasha Lees	Kamloops	250 377-4485	250 320-5202
<b>NEA PREOC</b>	Jeremy Burbee	Prince George	250 565-4384	250 612-9664
<b>NWE PREOC</b>	Loretta Malkow	Smithers	250 847-7471	250 876-8676
<b>SEA PREOC</b>	Dana Diotte	Nelson	250 354-6850	250 551-0550
<b>SWE PREOC</b>	Josh Chan	Surrey	604 586-4445	778 840-5858
<b>VIR PREOC/PEP HQ</b>	Carol Ogborne	Victoria	250 356-6998	250 213-6675

<b>PEP Region</b>	<b>ILMB Management Contact</b>	<b>Service Location</b>	<b>Work Phone</b>	<b>Cell Phone</b>
<b>CTL PREOC</b>	Laing Shimmin	Kamloops	250 371-5209	250 319-1662
<b>NEA PREOC</b>	Corey Smeele	Prince George	250 565-4461	250 613-9650
<b>NWE PREOC</b>	Corey Smeele	Prince George	250 565-4461	250 613-9650
<b>SEA PREOC</b>	Laing Shimmin	Kamloops	250 371-5209	250 319-1662
<b>SWE PREOC</b>	Gurdeep Singh	Surrey	604 586-4283	604 790-7210
<b>VIR PREOC/PECC</b>	Dugald Smith	Victoria	250 356-5260	250 888-2249

## Appendix 2 – PEP Contacts

<b>PEP Region</b>	<b>PEP Contact</b>	<b>Location</b>	<b>Contact Info</b>
<b>Senior Regional Manager CTL/SEA</b>	Ginny Garner	Kamloops	250 371-5240
<b>CTL PREOC</b>	Peter Prendergast	Kamloops	250 371-5240
<b>SEA PREOC</b>	Alan Bond	Nelson	250 354-5904
<b>A/Senior Regional Manager NEA/NWE</b>	Bob Kelly	Prince George	250 612-4172
<b>A/NEA PREOC</b>	Michael Higgins	Prince George	250 612-4172
<b>NWE PREOC</b>	Maurie Hurst	Terrace	250 615-4800
<b>Senior Regional Manager SWE</b>	John Oakley	Surrey	604 586-4390
<b>SWE PREOC</b>	Ian Cunnings, Bob Stubbings, Mike Andrews	Surrey	604 586-4390
<b>Senior Regional Manager VIR &amp; VIR PREOC</b>	Jim Price	Victoria	250 952-4918
<b>Director of Operations Victoria</b>	Jim Whyte	Victoria	1 800 663-3456
<b>PECC Director, Victoria</b>	Dwayne Meredith	Victoria	250 952-5818 or 1-800-663-3456
<b>Manager, Planning</b>	Planning Section Chief	Victoria	250 952-5530

## Appendix 3 – ILMB Roster (April 5, 2007)

ICS 100 refers to introductory Incident Command System training.

Field Support refers to the ability of a staff member to provide out of office GIS assistance, at a potentially remote location, for a period of up to two weeks.

ILMB Centre	Name	Location	Contact Info	ICS 100	Field Support
<b>Cariboo</b>	Mark McGirr	Williams Lake	250 398-4719	By Apr 12	N
	Carole Bjorkman	Williams Lake	250 398-4260	Y	Y
<b>Kamloops</b>	Sasha Lees	Kamloops	250 377-4485	By Apr 12	Y
	Chris Ens	Kamloops	250 371-5244	Y	N
	Chris Steeves	Kamloops	250 371-5226	By Apr 12	N
	Clarence Lai	Kamloops	250 371-5291	By Apr 12	Y
	Toni Armonas	Kamloops	250 371-5292	By Apr 12	Y
	Rod Moniuk	Kamloops	250 371-5214	Y	N
<b>Nanaimo</b>	Scott Allen	Nanaimo	250 751-3228	By Apr 12	N
	Jason Winchester	Nanaimo	250 751-7132	Y	Y
	Sally Bertram	Nanaimo	250 751-7139	Y	Y
	Anna Gerrard	Nanaimo	250 751-3189	Y	Y
	Dan Sirk	Nanaimo	250 751-7166	Y	N
	Brian Cavanagh	Nanaimo	250 751-3148	Y	N
	Simone Engels	Nanaimo		Y	N
	Doug Featherston	Nanaimo	250 751-3159	Y	N
<b>Nelson</b>	Dana Diotte	Nelson	250 354-6852	By Apr 12	Y
<b>PG</b>	Jeremy Burbee	PG	250 565-4384	By Apr 12	Y
	Sean Barry	PG	250 565-4114	Y	N
	Randy Dalit	PG	250 565-6135	Y	Y
<b>Smithers</b>	Loretta Malkow	Smithers	250 847-7471	By Apr 12	N
	Shawn Reed	Smithers	250 847-7872	Y	Y
	Ryan Holmes	Smithers	250 847-7432	Y	Y
<b>Surrey</b>	Josh Chan	Surrey	604 586-4416	Y	Y
	Susan Mordy	Surrey	604 586-4405	Y	Y
	Harry Gill	Surrey	604 586-4413	By Apr 12	Y

## ILMB Roster List (Continued)

<b>ILMB Centre</b>	<b>Name</b>	<b>Location</b>	<b>Contact Info</b>	<b>ICS 100</b>	<b>Field Support</b>
<b>Victoria</b>	Carol Ogborne	Victoria	250 356-6998	Y	Y
	Nancy Liesch	Victoria	250 356-5261	By Apr 12	Y
	Steven Sutherland	Victoria	250-387-9349	Y	Y
	Rick Deegan	Victoria	250 387-9580	Y	Y
	Larry Lohr	Victoria	250 953-3675	Y	Y
	Aaron McMillan	Victoria	250 953-4200	Y	Y