

# FLOOD WARNING SYSTEM

2022

## CROWE RIVER WATERSHED



**Crowe Valley**  
C o n s e r v a t i o n

For further information, please contact:

Crowe Valley Conservation Authority  
P.O. Box 416, 70 Hughes Lane  
Marmora, Ontario  
K0K 2M0

Phone: 613-472-3137      Fax: 613-472-5516

E-Mail: [info@crowevalley.com](mailto:info@crowevalley.com)  
[www.crowevalley.com](http://www.crowevalley.com)

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## **1.0 INTRODUCTION**

Throughout the existence of the Crowe Valley Conservation Authority (CVCA), the Authority has been actively involved in water management and in particular, flood forecasting and warning. The Authority has installed 13 stream and lake level gauges to date, to monitor real time conditions in the watershed. As well, information related to flood forecasting is received from the Ministry of Northern Development, Mines, Natural Resources and Forestry in Peterborough, Ontario. The Authority also monitors precipitation, snow pack and advancing weather conditions.

Following severe flooding in 1976, flood plain mapping was produced and many areas that are susceptible to flood damage were identified.

***The Authority is responsible for advanced warning and monitoring of flood situations; the individual municipalities are responsible for reacting to flood emergencies.***

## **2.0 OBJECTIVES OF CVCA FLOOD WARNING SYSTEM**

- To provide advice to local municipalities, the public and emergency response services regarding potential flooding, and to provide rapid warning if loss of life, injury or property damage may result.
- To provide continuous monitoring of flood conditions should a flood occur.

## **3.0 MANDATE OF THE CVCA**

In the publication, "Planning for Flood Emergencies" prepared by the Ministry of Northern Development, Mines, Natural Resources and Forestry, it states that:

"It will be a function of Conservation Authorities to maintain a flood warning system throughout the Authority for alerting municipal representatives, media, local police, the Ontario Provincial Police, and the Ministry of Northern Development, Mines, Natural Resources and Forestry."

## **4.0 DAILY OPERATING PROCEDURES**

### **4.1 Procedures for Recording Daily Water Levels**

The CVCA, on a daily basis, downloads water levels and other pertinent information available at each gauge site. In normal conditions, these gauges are contacted a minimum of once per day, seven days a week. The gauges provide the current water levels and flow data as required.

The information obtained is compiled into a log book by the Duty Forecaster (see **Appendix 1**). The Duty Forecaster analyses the data and determines what, if any, further actions are required. These actions may consist of stop log adjustments being made at any or all of the individual dams under the Authority's jurisdiction. Further actions may be the issuance of watershed conditions or flood watch statements in extreme conditions; a flood warning will be issued to all parties listed in the CVCA'S Flood/Emergency Contact List.

The daily schedule for the Duty Forecaster is as follows:

- (1) Collect all the water levels, flow volumes, precipitation and temperatures throughout the watershed.
- (2) The Duty Forecaster will then contact the Ministry of Northern Development, Mines, Natural Resources and Forestry for Provincial weather conditions which may impact the CVCA watershed. Additional information may be received from the Provincial Surface Water Monitoring Centre.
- (3) With this data in hand, the Duty Forecaster will make a decision whether there is a need for stop log changes, or the issuance of a flood watch or flood warning statements.
- (4) Should the Duty Forecaster determine a flood watch or flood warning is necessary, he/she will advise both the General Manager and the Chair of the Authority that the agencies listed in the Flood/Emergency Contact List will be notified. Contact will be made by fax, e-mail or telephone, as the situation warrants.
- (5) Should no changes to log settings or bulletins be needed, the Duty Forecaster will continue with his/her regular daily duties; however, he/she will continue to monitor all incoming information and data throughout the remainder of the day.

### **4.2 Monthly Water Level Reports**

For reference purposes, daily records are summarized into a "Monthly Water Level Report" which is distributed to member municipalities and other interested parties on a regular basis. This report indicates regulated winter and summer lake levels, minimum and maximum levels as well as the level on the last day of each month for each controlled lake and gauge site in the Crowe River Watershed. See **Appendix 2**.

## **5.0 RESPONSE TO FLOOD WARNING**

It must be noted and understood that the responsibility to respond to a flood warning is that of the Municipality concerned. The Crowe Valley Conservation Authority will act in an ***advisory capacity*** but will not be responsible for flood fighting.

## **6.0 FLOODING REPORTED TO A MUNICIPALITY**

If an incidence of flooding is reported to a Municipality, by anyone other than the Crowe Valley Conservation Authority (CVCA), the Municipality concerned will immediately contact the CVCA for confirmation and/or additional information. The CVCA will then revise and update its forecast accordingly and continue to monitor the reported flooding.

## **7.0 OFFICE HOURS DURING AN EMERGENCY**

If a flood warning bulletin is about to be issued, the CVCA office will be staffed on a 24-hour basis from that moment. This will continue until the emergency has passed.

## **8.0 EMERGENCY SITUATIONS**

A CVCA staff person will be "on call" during off hours and weekends. ***In an emergency situation only***, this person can be contacted via telephone at 613-848-2478. For a list of key CVCA contacts, refer to Section **12.1 Crowe Valley Conservation Authority** of this plan.

## **9.0 AMATEUR RADIO EMERGENCY SERVICE**

The Quinte Amateur Radio Club, established under the auspices of The Radio Amateurs of Canada, has installed an antenna at the Crowe Valley Conservation Authority Administration Office in Marmora which can be utilized in an emergency situation.

The Radio Club can cover all Hospitals, Conservation Authorities, Town and City Halls, Police Stations, Red Cross offices and other sites as required. They are also able to make direct contact with any Government office in Toronto. Their mobile units are able to go to any site as required.

Please refer to **Appendix 3** for contact information.

## **10.0 FLOOD WARNING SYSTEM**

The flood warning system of the Crowe Valley Conservation Authority will involve four basic areas of activity:

- 1) data collection and assessment;
- 2) issuing of statements;
- 3) assisting in the preparation of municipal flood contingency plans; and
- 4) regular review and updating of the system.

### **10.1 Data Collection and Assessment**

The Crowe Valley Conservation Authority will be responsible for the collection of all data necessary to prepare appropriate messages regarding flooding. The collection of data and issuing of statements will be carried out at the CVCA Administration Office in Marmora.

### **10.2 Issuing of Watershed Messages**

On completing an assessment of pertinent data, the Duty Forecaster will review it with the General Manager and an appropriate statement will be issued. Messages be one of four types, i.e.: (Water Safety or Flood Outlook) 1) normal, 2) watershed conditions (water safety or flood outlook), 3) flood watch or 4) flood warning. The Authority Chair will be advised immediately when a flood watch or flood warning message has been issued.

Communication of messages will normally be made by telephone, email and/or fax. However, information sheets regarding snow pack, lake levels and flows may also be circulated on an "as needed" basis.

All messages must be updated regularly and a final watershed conditions statement indicating that a crisis has ended must be issued.

#### **10.2.1 Flood Watch Messages**

Flood watch statements will be issued to Municipal Flood Co-ordinators when conditions are such that it may be necessary to implement a local flood contingency plan. Flood watch messages will not require action by the Municipal Flood Co-ordinator, i.e.: mobilization of manpower and equipment. They may, however, require a state of readiness to act.



### **10.2.2 Flood Warning Messages**

Flood warning messages will be issued to all parties on the distribution list when conditions are such that public safety is at risk and property damage is likely to occur. Please refer to **Appendix 5**. Flood warning messages will require action from the Local Response Co-ordinator, i.e.: implementation of the local flood contingency plan.

### **10.3 Regular Review and Updating of the CVCA Flood Warning System**

The CVCA Flood Warning Plan is reviewed and updated on a yearly or "as needed" basis. Agencies included in the mailing list are asked to notify the CVCA of any changes required. The CVCA will, in the early part of each year, issue current plans.

### **10.4 Assisting in the Preparation of Municipal Flood Contingency Plans**

In order for Municipalities to carry out their responsibility to respond to flood emergencies, each Municipality should have some form of flood contingency plan. Assistance in preparation of contingency plans is available from the Crowe Valley Conservation Authority.

## **11.0 Flood Warning Telephone List**

### **11.1 Crowe Valley Conservation Authority**

Tim Pidduck,  
General Manager/  
Secretary Treasurer

Office: 613-472-3137  
Fax: 613-472-5516  
Home: 613-967-1322  
Cell: 613-847-1912  
Email: [tim.pidduck@crowevalley.com](mailto:tim.pidduck@crowevalley.com)

***Emergency Only - Cellular Phone: 613-848-2478***  
***(This cell number will contact one of the CVCA staff 24 hours a day 7 days a week during a flood warning)***

#### Alternates

Jan O'Neil  
Authority Chair

CVCA Office: 613-472-3137  
Home: 613-472-2972  
Municipal Office: 613-472-2629 EXT 226  
Cell: 613-847-2430  
Email: [joneill@marmoraandlake.ca](mailto:joneill@marmoraandlake.ca)

Janice MacKillican  
Authority Vice-Chair

CVCA Office: 613-472-3137  
Home: 613-966-8885  
Municipal Office: 705-474-2863  
Cell: 613-922-4940  
Email: [j.mackillican@township.limerick.on.ca](mailto:j.mackillican@township.limerick.on.ca)

## 11.2 Dam Operators and Gauge Readers

Neil McConkey – Water Technician

Office: 613-472-3137  
Fax: 613-472-5516  
Home: 613-399-5693  
Cell: 613-885-1979  
Email: [watertech@crowevalley.com](mailto:watertech@crowevalley.com)

Liam Bailey-McDade – Water Technician

Office: 613-472-3137  
Fax: 613-472-5516  
Email: [liam.baileymcdade@crowevalley.com](mailto:liam.baileymcdade@crowevalley.com)

Wray Price

Office: 613-472-3137  
Fax: 613-472-5516  
Email: [watertech@crowevalley.com](mailto:watertech@crowevalley.com)

Responsible for the operation of the following Dam structures:

- Allan Mills Dam
- Belmont Lake Dam
- Cordova Lake Dam
- Kasshabog Lake Dam
- Marmora Dam (Crowe Lake)
- Round Lake Dam
- Wollaston Lake Dam
- Paudash Lake Dam
- St. Ola Dam (Limerick Lake)
- Steenburg Lake Dam

Primary:

Karen Dykxhoorn (MNDMNRF, Bancroft District)

Responsible for the following Dams: all Dams within the Bancroft Area of Bancroft District

Cell: 226-974-2622  
Fax: 613-332-0608  
Home:  
Email: [karen.dykxhoorn@ontario.ca](mailto:karen.dykxhoorn@ontario.ca)

Secondary:

Nathan Hack (MNDMNRF, Bancroft District)

Cell: 613-202-1620  
Fax: 613-332-0608  
Home: 613-332-8446  
Email: [Nathan.hack@ontario.ca](mailto:Nathan.hack@ontario.ca)

Alternate Contact:  
Suzy Shalla (MNDMNRF, Bancroft District A/Manger)  
Cell: 613-334-5054  
Fax: 613-332-0608  
Home: 613-637-1261  
Email: [suzy.shalla@ontario.ca](mailto:suzy.shalla@ontario.ca)

## **11.3 Ministry of Northern Development, Mines, Natural Resources and Forestry:**

### **Coordinator for Flood Emergencies**

#### **11.3.1 Ministry Emergency Operations Centre (MEOC)**

- The MNDMNRF Emergency Management Program has implemented a 24/7 Ministry Emergency Operation Centre Hotline. This number ensures contact with the MNDMNRF MEOC through the Provincial Coordination Centre.
- A MDMNRF Provincial Emergency Response Coordinator (PERC) can be contacted at the number listed below. This telephone number will go to whoever is **PERC** at the time of the emergency.

<b>PERC Hotline:</b>	<b>1-866-898-7372</b>
<b>Clerk Number:</b>	<b>1-705-945-5795</b>
<b>Switchboard Replacement:</b>	<b>1-705-945-5750</b>
<b>Fax Number:</b>	<b>1-705-945-5785</b>

#### **Ministry Emergency Operations Centre**

Office: 705-945-5750  
Fax: 705-945-5785  
Clerk: 705-945-5795  
Email: [meoc-mail.mnr@ontario.ca](mailto:meoc-mail.mnr@ontario.ca)

### **11.3.2 Surface Water Monitoring Centre - Contact Information & Provincial Emergency Response Coordinator**

#### **Contact Information for the Surface Water Monitoring Centre:**

Mailing Address:

Surface Water Monitoring Centre  
Ministry of Natural Resources  
P.O. Box 7000  
300 Water Street  
5<sup>th</sup> Floor South  
Peterborough, Ontario  
K9J 8M5

Coordinator – Dave Burritt (705) 755-1215  
Cell: (705)-927-2644  
Email: [daveburritt@ontario.ca](mailto:daveburritt@ontario.ca)

Daytime Phone: 705-755-5201 - SWMC duty officer desk

- Please use this number for flood forecasting/warning purposes

After Hours Duty Officer Cell Phone: 705-761-2044

- Please use this number for flood/warning purposes after regular business hours and weekends/holidays

Fax: 705-755-5038 Alternate Fax 705-755-5039

- Please use this number when issuing flood messages

Email for SWMC Duty Officer:

- [surface.water@ontario.ca](mailto:surface.water@ontario.ca)

## 11.4 Ministry of Northern Development, Mines, Natural Resources & Forestry - Local Response Coordinators

### 11.4.1 MNDMNRF. - Kingston

Contact: Hal Leadlay      Office: 705-755-3363  
District Manager      Fax: 705-755-3125  
                                 Cell: 705-761-7395  
                                 Email: [hal.leadlay@ontario.ca](mailto:hal.leadlay@ontario.ca)

Alternate: Andy Margetson Office: 613-531-5720  
                                 Fax: 613-531-5730  
                                 Cell: 613-583-0264  
                                 Email: [andy.margetson@ontario.ca](mailto:andy.margetson@ontario.ca)

Paula Norlock      Email: [paula.norlock@ontario.ca](mailto:paula.norlock@ontario.ca)

### 11.4.2 MNDMNRF - Bancroft

Primary:  
Karen Dykxhoorn (MNDMNRF, Bancroft District)  
Responsible for the following Dams: all Dams within the Bancroft Area of Bancroft District  
Cell: 226-974-2622  
Fax: 613-332-0608  
Home:  
Email: [karen.dykxhoorn@ontario.ca](mailto:karen.dykxhoorn@ontario.ca)

Secondary:  
Nathan Hack (MNDMNRF, Bancroft District)  
Cell: 613-202-1620  
Fax: 613-332-0608  
Home: 613-332-8446  
Email: [Nathan.hack@ontario.ca](mailto:Nathan.hack@ontario.ca)

Alternate Contact:  
Suzy Shalla (MNDMNRF, Bancroft District A/Manger)  
Cell: 613-334-5054  
Fax: 613-332-0608  
Home: 613-637-1261  
Email: [suzy.shalla@ontario.ca](mailto:suzy.shalla@ontario.ca)

### 11.4.3 MNDMNR – Peterborough

Contact Hal Leadlay  
District Manager

Office: 705-755-3363  
Fax: 705-755-3125  
Cell: 705-761-7395  
Email: [hal.leadlay@ontario.ca](mailto:hal.leadlay@ontario.ca)

Alternate: Deanna Cotter

Cell: 705-872-1924  
Email: [deanna.cotter@ontario.ca](mailto:deanna.cotter@ontario.ca)

### 11.5 Atmospheric Environment & Climate Change Canada Services

Environment and Climate Change Canada (Peterborough)  
Climate Consultation Phone: 1-888-292-2222

Environment and Climate Change Canada  
Marnie Consultation Phone: 1-844-505-2525

Environment Canada  
Hello Weather Toll Free Numbers

English 1-833-794-3556  
1-833-79HELLO

French 1-833-586-3836  
1-833-58METEO

## **12.0 Ontario Provincial Police**

### **12.1 Ontario Provincial Police: Emergency Service**

**Province-wide Emergency Service  
Ontario Provincial Police  
Communications Centre**                      **888-310-1122  
888-310-1133 (TTY)**

NOTE:

Some municipalities are now on the 9-1-1 emergency service.

### **12.2 Ontario Provincial Police: Local Detachments**

<b>Bancroft Detachment</b>	
Bancroft Detachment Admin. Centre	613-332-2112
Fax	613-332-5618
<b>Northumberland Detachment</b>	
General Inquiries (Campbellford)	705-653-3300
Fax	705-653-5171
<b>Peterborough County Detachment</b>	
General Inquiries	705-742-0401
Fax	705-742-9247
<b>Haliburton Highlands Detachment</b>	
General Inquiries	705-286-1431
Fax	705-286-4532
<b>Central Hastings Detachment</b>	
General Inquiries	613-473-4234
Fax	613-473-5029
<b>East Region Headquarters</b>	
General Inquiries (Smith Falls)	613-285-2700
Fax	613-285-2796



## **13.0 Municipal Flood Co-Ordinators and Contacts**

### **13.1 Township of North Kawartha**

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor - Carolyn Amyotte  <a href="mailto:mayor@northkawartha.ca">mayor@northkawartha.ca</a>		1-800-755-6931 705-656-4445 Ext 258	705-656-4446 705-656-2676 (MOC)	705-931-1342
Chief Administrative Officer - Alana Solman  Email: <a href="mailto:a.solman@northkawartha.ca">a.solman@northkawartha.ca</a>	705-657-9564	1-800-755-6931 705-656-5192 Ext 236	705-656-4446 705-656-2676 (MOC)	705-931-1531
Road Supervisor- Jeff Waldon  Email: <a href="mailto:j.waldon@northkawartha.ca">j.waldon@northkawartha.ca</a>		1-800-755-6931 705-656-4445 Ext 243 705-656-4796	705-656-1836 705-656-2676 (MOC)	705-872-6015
Garage Answering/Paging Service 24/7 (Roads)		705-656-4796 (Garage Direct Line) Or 705-656-4445 Ext 243 705-926-0150 (24/7)		
Flood Emergency Contact - Community Emergency Management Co-ordinator Alana Solman, CEMC  <a href="mailto:a.solman@northkawartha.on.ca">a.solman@northkawartha.on.ca</a>	705-657-9564	1-800-755-6931 Ext 236 705-656-2676 (MOC) 705-656-5192	705-656-4446	705-931-1531
Fire Chief- Jesse Lambe  <a href="mailto:j.lambe@northkawartha.ca">j.lambe@northkawartha.ca</a>	705-656-1224 (Direct Line)	1-800-755-6931 705-656-4445 Ext 221 705-656-1224	705-656-4446 705-656-4964 (Emergency Headquarters Fax)	705-931-1701

## 13.2 Municipality of Trent Hills

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor - Bob Crate <a href="mailto:bob.crate@trenthills.ca">bob.crate@trenthills.ca</a>	705-761-2278		705-653-5203	705-761-2278
Deputy Mayor & Councillor Ward 3 Micheal Metcalf <a href="mailto:micheal.metcalf@trenthills.ca">micheal.metcalf@trenthills.ca</a>			705-653-5203	905-269-7816
CAO - Lynn Phillips <a href="mailto:lynn.phillips@trenthills.ca">lynn.phillips@trenthills.ca</a>	705-653-6016	705-653-1900 EXT 241	705-653-5203	705-632-9423
Fire Chief/Flood Coordinator/CEMC Tim Blake <a href="mailto:tim.blake@trenthills.ca">tim.blake@trenthills.ca</a>	705-653-2408	705-653-1900 EXT 222	705-653-5203	705-653-6194
Director of Planning and Development - Flood Coordinator - Alternate Jim Peters <a href="mailto:jim.peters@trenthills.ca">jim.peters@trenthills.ca</a>	613-481-6022	705-653-1900 EXT 234	705-653-5203	705-653-6070
Deputy Fire Chief - Alternative CEMC Shawn Jamieson <a href="mailto:shawn.jamison@trenthills.ca">shawn.jamison@trenthills.ca</a>		705-653-1900 EXT 293	(pager)705-745-5757 ID#608	705-632-8933
Director of Legislative Services/Clerk Doug Irwin <a href="mailto:doug.irwin@trenthills.ca">doug.irwin@trenthills.ca</a>		705-653-1900 EXT 240	705-653-5203	705-653-6177
Community Development Officer Kira Mees <a href="mailto:kira.mees@trenthills.ca">kira.mees@trenthills.ca</a>		705-653-1900 EXT 239	705-653-5203	705-653-6363

### 13.3 Municipality of Highlands East

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor - Dave Burton <a href="mailto:dburton@highlandseast.ca">dburton@highlandseast.ca</a>	705-448-9355	705-448-2981	705-448-1027	613-334-9678
CAO/Treasurer- Shannon Hunter Alternate CEMC <a href="mailto:shunter@highlandseast.ca">shunter@highlandseast.ca</a>		705-448-2981 Ext 431	705-448-2532	705-935-8880
Public Works Supervisor Brett Charboneau <a href="mailto:bcharboneau@highlandseast.ca">bcharboneau@highlandseast.ca</a>	705-457-6035	705-448-2934	705-448-1027	705-457-6035
Flood Emergency Contact - Megan Lockwood <a href="mailto:mlockwood@highlandseast.ca">mlockwood@highlandseast.ca</a>	613-332-2196	613-339-2442	613-339-1028	613-334-0994
Fire Chief Chris Baughman Primary CEMC <a href="mailto:cbaughman@highlandseast.ca">cbaughman@highlandseast.ca</a>	613-334-6236	705-448-2981 Ext 428	705-448-1027	705-455-2747
Clerk Robyn Rogers Alternate CEMC <a href="mailto:rrogers@highlandseast.ca">rrogers@highlandseast.ca</a>		705-448-2981 Ext 422	705-448-1027	613-334-8099

### 13.4 Township of Faraday

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor - Dennis Purcell <a href="mailto:djpurcell@faraday.ca">djpurcell@faraday.ca</a>	613-332-4197	613-332-3638	613-332-3006	
Clerk – Treasurer & Tax Collector Dawn Switzer <a href="mailto:d.switzer@faraday.ca">d.switzer@faraday.ca</a>	613-332-2620	613-332-3638	613-332-3006	
Road Supervisor - Scott Laundry <a href="mailto:s.laundry@faraday.ca">s.laundry@faraday.ca</a>	613-332-5156	613-332-1935	613-332-3006	
Flood Emergency Contact - Scott Laundry <a href="mailto:s.laundry@faraday.ca">s.laundry@faraday.ca</a>	613-332-5156	613-332-1935	613-332-3006	
Alternate - Dawn Switzer <a href="mailto:d.switzer@faraday.ca">d.switzer@faraday.ca</a>	613-332-2620	613-332-3638	613-332-3006	

### 13.5 Township of Havelock-Belmont-Methuen

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor - Jim Martin <a href="mailto:jmartin@hbmtwp.ca">jmartin@hbmtwp.ca</a>	705-778-3764	705-778-2308 EXT 225 877-767-2795	705-778-5248	705-749-7676
Chief Administrative Officer and Municipal Clerk Bob Angione <a href="mailto:bangione@hbmtwp.ca">bangione@hbmtwp.ca</a>	705-750-0103	705-778-2308 EXT 226 877-767-2795	705-778-5248	705-313-3900
Manager of Public Works Peter Lauesen <a href="mailto:plauesen@hbmtwp.ca">plauesen@hbmtwp.ca</a>		705-778-2481	705-778-5248	705-761-0780
Flood Emergency Contact - Mayor - Jim Martin <a href="mailto:jmartin@hbmtwp.ca">jmartin@hbmtwp.ca</a>	705-778-3764	705-778-2308 EXT 225 877-767-2795	705-778-5248	705-749-7676
Alternate - Chief Administrative Officer and Municipal Clerk Bob Angione <a href="mailto:bangione@hbmtwp.ca">bangione@hbmtwp.ca</a>	705-750-0103	705-778-2308 EXT 226 877-767-2795	705-778-5248	705-313-3900
Fire Chief - Ray Haines <a href="mailto:rhaines@hbmtwp.ca">rhaines@hbmtwp.ca</a>	705-778-7040	705-778-3183	705-778-3415	705-930-4471
Administrative Assistant Margaret Orendt <a href="mailto:morendt@hbmtwp.ca">morendt@hbmtwp.ca</a>		705-778-2308 877-767-2795	705-778-5248	905-396-6070

## 13.6 Township of Limerick

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor Carl Stefanski <a href="mailto:c.stefanski@township.limerick.on.ca">c.stefanski@township.limerick.on.ca</a>	613-474-1284	613-474-2863	905-898-1836	647-268-2620
CAO/Clerk-Treasurer Victoria Tisdale <a href="mailto:clerk@township.limerick.on.ca">clerk@township.limerick.on.ca</a>		613-474-2863 EXT 202	613-474-0478	613-334-2725
Public Works Supervisor (Temporarily Vacant) <a href="mailto:roads@township.limerick.on.ca">roads@township.limerick.on.ca</a>		613-474-2863 EXT 204	613-474-0478	613-318-9928
Flood Emergency Contact Victoria Tisdale <a href="mailto:clerk@township.limerick.on.ca">clerk@township.limerick.on.ca</a>		613-474-2863 EXT 202	613-474-0478	613-334-2725

### 13.7 Municipality of Marmora & Lake

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor - Jan O'Neill <a href="mailto:joneill@marmoraandlake.ca">joneill@marmoraandlake.ca</a>	613-472-2972	613-472-2629 Ext 2226	613-472-5330	613-847-2430
CAO & Municipal Clerk– Tonia Bennett <a href="mailto:tbennett@marmoraandlake.ca">tbennett@marmoraandlake.ca</a>		613-472-2629 Ext 2221	613-472-5330	613-920-0563
Deputy Clerk/Communication Director Jennifer Bennett <a href="mailto:jbennett@marmoraandlake.ca">jbennett@marmoraandlake.ca</a>		613-472-2629 Ext 2232	613-472-5330	613-921-1391
Manager of Transportation Services/Parks and Recreation Dylan Adams <a href="mailto:dadams@marmoraandlake.ca">dadams@marmoraandlake.ca</a>	Cell: 613-849-8365	613-472-6940	613-472-2232	Emergency After Hours 613-848-4935
Flood Emergency Contact - Tony Brownson <a href="mailto:tbrownson@marmoraandlake.ca">tbrownson@marmoraandlake.ca</a>		613-472-2748		613-921-6117
Alternate- CAO Tonia Bennett <a href="mailto:tbennett@marmoraandlake.ca">tbennett@marmoraandlake.ca</a>		613-472-2629 Ext 2221	613-472-5330	613-920-0563

## 13.8 Corporation of the Township of Stirling-Rawdon

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor Bob Mullins <a href="mailto:mayor@stirling-rawdon.com">mayor@stirling-rawdon.com</a>	613-395-4695	613-395-3346	613-395-0864	613-438-0402
Alternate Deputy Mayor Grant Hagerman <a href="mailto:deputy-mayor@stirling-rawdon.com">deputy-mayor@stirling-rawdon.com</a>	613-395-3541		613-395-0864	613-922-3541
Clerk Kathy Pearl <a href="mailto:clerk@stirling-rawdon.com">clerk@stirling-rawdon.com</a>	705-434-7817	613-395-3380 EXT 2234	613-395-0864	613-848-9995
Treasurer/ CAO Roxanne Hearn <a href="mailto:cao-treasurer@stirling-rawdon.com">cao-treasurer@stirling-rawdon.com</a>	613-395-1583 OR 613-921-6936	613-395-3380 EXT 2222	613-395-0864	613-849-4762
Public Works Manager George Burkitt <a href="mailto:superintendent@stirling-rawdon.com">superintendent@stirling-rawdon.com</a>	613-920-2877	613-395-3380 EXT 2227	613-395-0864	613-847-5654
Working Foreman Alternate Dave Ray	613-922-3625	Stirling 613-395-1241  Springbrook 613-395-3223	613-395-0864	613-967-7225
Flood Emergency Contact Fire Chief/CEMC (C/S Stirling Rawdon 1) Derrick Little	613-921-8152	613-395-0214	613-395-0864	613-921-8152
Alternate/CEMC (C/S Stirling Rawdon 2) Gerry Buss	613-395-6082	613-771-9366 EXT229	613-395-0864	613-847-6909



### 13.9 Townships of Tudor & Cashel

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor - Libby Clarke <a href="mailto:mayor@tudorandcashel.com">mayor@tudorandcashel.com</a>	613-334-0620	613-474-2583	613-474-0664	613-318-8201
Chief Administrative Officer - Nancy Carol <a href="mailto:clerk@tudorandcashel.com">clerk@tudorandcashel.com</a>	613-474-1212	613-474-2583	613-474-0664	613-334-2583
Road Superintendent- Glenn Hagerman <a href="mailto:roads@tudorandcashel.com">roads@tudorandcashel.com</a>	613-922-0247	613-474-2798	613-474-0664	613-334-9623
Deputy Clerk/Deputy Treasurer Flood Contact Sheryl Scott <a href="mailto:admin@tudorandcashel.com">admin@tudorandcashel.com</a>	705-931-0067	613-474-2583	613-474-0664	613-318-8234

### 13.10 Township of Wollaston

	<u>Residence</u>	<u>Business</u>	<u>Fax No.</u>	<u>Cellular</u>
Mayor - Lynn Kruger <a href="mailto:lkruger@wollaston.ca">lkruger@wollaston.ca</a>			613-337-5789	613-334-6126
Administrator/Clerk CEMC Bernice Crocker <a href="mailto:clerk@wollaston.ca">clerk@wollaston.ca</a>		613-337-5731	613-337-5789	
Lead Hand in Roads- Jack Ingram	613-337-5505	613-337-5731	613-337-5789	613-334-0196
Public Works Superintendent - Kirk McCaw <a href="mailto:kmccaw@wollaston.ca">kmccaw@wollaston.ca</a>	N/A	613-337-5731	613-337-5789	613-334-2684
Alternate – Treasurer Tracy Vader <a href="mailto:tvader@wollaston.ca">tvader@wollaston.ca</a>		613-337-5731	613-337-5789	
Alternate CEMC- Jenn Peplinski <a href="mailto:office@wollaston.ca">office@wollaston.ca</a>	905-550-9038	613-337-5731	613-337-5789	613-334-0810

## **14.0 Trent Severn Waterway**

### **14.1 Headquarters: Peterborough, Ontario (705-750-4902)**

Primary Contact  
Anna Ciorap  
Water Management Manager

Office: 705-750-4932  
Cell: 705-761-7275  
Email: [anna.ciorap@pc.gc.ca](mailto:anna.ciorap@pc.gc.ca)

Secondary Contact  
Chad Buchner  
Director of Canal Operations

Office: 705-750-4902  
Fax: 705-750-4934  
Cell: 705-313-1469  
Email: [chad.buchner@pc.gc.ca](mailto:chad.buchner@pc.gc.ca)

Secondary Contact  
Karl Ellis  
Sector Manager

Office: 705-653-3240  
Cell: 613-242-4305  
Email: [karl.ellis@pc.gc.ca](mailto:karl.ellis@pc.gc.ca)

Secondary Contact  
Karen Feeley  
Public Relations and Communications Officer

Office: 705-750-4930  
Fax: 705-750-4934  
Cell: 705-313-1097  
Email: [karen.feeley@canada.ca](mailto:karen.feeley@canada.ca)

Flood Warning  
Email

[ont.trentsevern@pc.gc.ca](mailto:ont.trentsevern@pc.gc.ca)

### **14.2 Campbellford Sector (Hastings, Dam #15 to Meyers Dam #8) & Trenton Sector (Dam #7 – Glen Ross to Trenton Dam #1)**

Primary Contact  
Karl Ellis  
Sector Manager

Office: 705-653-3240  
Cell: 613-242-4305  
Email: [karl.ellis@pc.gc.ca](mailto:karl.ellis@pc.gc.ca)

Secondary Contact  
Anna Ciorap  
Water Management Manager

Office: 705-750-4932  
Cell: 705-761-7275  
Email: [anna.ciorap@pc.gc.ca](mailto:anna.ciorap@pc.gc.ca)

Secondary Contact  
Chad Buchner  
Director of Canal Operations

Office: 705-750-4902  
Fax: 705-750-4934  
Cell: 705-313-1469  
Email: [chad.buchner@pc.gc.ca](mailto:chad.buchner@pc.gc.ca)

## **15.0 Media**

### **15.1 Media - Radio/Television**

	<b><u>Office</u></b>	<b><u>Fax No.</u></b>
CKOL 93.7 FM Campbellford /100.7 FM Madoc Radio/Trent Valley Broad. P.O. Box 551, 15 Reglan St. S. Campbellford, K0L 1L0 David Lockwood <a href="mailto:ckol-radio@bell.net">ckol-radio@bell.net</a>	705-653-1089	705-653-1089
Corus Entertainment 100.5 Fresh Radio, 743 Monaghan Rd, Peterborough, ON., K9J 5K2 Main Office Newsroom <a href="mailto:newswatchradio@corusent.com">newswatchradio@corusent.com</a>	705-742-0451 705-742-0875	705-742-7274
Corus Entertainment The Wolf 101.5 CKWF-FM Radio, 743 Monaghan Rd, Peterborough, ON., K9J 5K2 Main Office Studio Line Newsroom *1015 from Bell Mobility <a href="mailto:newswatchradio@corusent.com">newswatchradio@corusent.com</a>	705-742-0451 705-740-9653 705-742-0875	705-742-7274
CHEX Television, 743 Monaghan Rd, Peterborough, ON., K9J 5K2 Switchboard TDD No. CHEX Television - "Newsroom" *111 from Bell Mobility <a href="mailto:newswatch@chextv.com">newswatch@chextv.com</a>	705-742-0451 705-749-2179 705-742-8712	705-742-7274 705-742-2930
MOVE 99.7 Radio, P.O. Box 177, 59 George St. N., Peterborough, ON., K9J 6Y8 Information In Studio *9970 on Bell Mobility <a href="mailto:kawarthanews@bellmedia.ca">kawarthanews@bellmedia.ca</a>	705-742-8844 705-743-9970	705-742-1417
CKQM-FM Radio, P.O.Box 177, 59 George St. N., Peterborough, ON., K9J 6Y8 Country 105 Information In Studio <a href="mailto:kawarthanews@bellmedia.ca">kawarthanews@bellmedia.ca</a>	705-742-8844 705-876-1051 <a href="mailto:country105@bellmedia.ca">country105@bellmedia.ca</a>	705-742-1417
CJBQ Radio 800 AM, P.O. Box 488, 10 South Front St., Belleville, ON., K8N 5B2 Information Direct to News Room	613-969-5555 613-968-5803	613-969-8122
Mix 97 Quinte Broadcasting, P.O. Box 488, 10 South Front St., Belleville, ON., K8N 5B2 Information News Room	613-969-5555 613-968-5803	613-969-8122
Classic Hits 95.5 (FM Radio), 497 Dundas St. W., Belleville, ON., K8P 1B6 Main Line Emergency Calls: *955 from Bell Mobility or <a href="mailto:paulm@cool100.ca">paulm@cool100.ca</a>	613-966-0955 613-966-3125	613-967-2565
Moose FM 30674 Highway 28E, Bancroft, ON K0L 1C0 Studio Line	613-332-1423	Email: <a href="mailto:tsm@moosefm.com">tsm@moosefm.com</a>

## 15.2 Media – Newspaper

	<u>Office:</u>	<u>Fax No.</u>
Belleville Intelligencer, 365 Bloor St. E. Toronto, ON., M4W 3L4		
Information	613-962-9171	613-962-9652
Toll Free	1-866-511-1963	
Community Press, 365 Bloor St. E. Toronto, ON., M4W 3L4		
Information	613-962-9171	613-962-9652
The Bancroft Times, 93 Hastings N., Bancroft, ON., K0L 1C0		
	613-332-2300 or	613-332-4887
	613-332-1894	
<a href="mailto:bancroft-times@sympatico.ca">bancroft-times@sympatico.ca</a>		
<a href="http://www.thebancrofttimes.ca">www.thebancrofttimes.ca</a>		
Peterborough Examiner, c/o Package Plus Inc. 171A Rink St., Suite 125, Peterborough, ON., K9J 2T6		
Information	705-745-4641	705-745-3361
<a href="mailto:news@peterboroughdaily.com">news@peterboroughdaily.com</a>		

# APPENDIX 1 - FLOOD FORECAST CENTRE - DAILY REPORT EXAMPLE

## FLOOD FORECAST CENTRE – DAILY REPORT

DATE: Jan-19-2022

TIME: 0800

DUTY FORECASTER: LBM

4 HOUR TREND	GAUGE SITE	PRESENT LEVEL	PRESENT FLOW (m <sup>3</sup> /s)	TEMPERATURE °C		PRECIP (mm)	REGULATED LEVELS		
				MAX	MIN		SUMMER	WINTER	100 Year Elevation
	MARMORA FLOW	10.418	19.7						
	BEAVER CREEK	9.434	8.64						
	GLEN ALDA FLOW	12.581	5.37						
	PAUDASH LAKE	342.093				3.0	342.31	342.02	342.80
	BELMONT LAKE	186.756					187.09	186.66	188.80
	CROWE LAKE	182.265					182.42	182.25	183.88
	ST. OLA LAKE						313.57	313.05	313.93
	CHANDOS LAKE	312.906	(3XX.XXX M)						
	CORDOVA LAKE	216.280					216.50	216.20	217.58
	KASSHABOG LAKE	261.882					262.16	261.64	262.70
	ROUND LAKE	199.715					200.10	199.34	200.30
	WOLLASTON LAKE	309.823					310.24	309.88	311.55

COMMENTS:

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## APPENDIX 2 - MONTHLY WATER LEVEL REPORT EXAMPLE

CROWE VALLEY CONSERVATION - MONTHLY WATER LEVEL REPORT FOR THE MONTH OF APRIL 2021					
Gauge Site	Winter Level	Summer Level	Monthly Maximum	Monthly Minimum	Last Day of Month
Marmora (Flow)			93.3 cms	21.1 cms	25.3 cms
Beaver Creek (Flow)			26.4 cms	8.09 cms	11.4 cms
Glen Alda (Flow)			33.2 cms	10.0 cms	10.0 cms
Paudash Lake	342.02m	342.31m	342.43 M	342.26 M	342.42 M
Belmont Lake	186.66m	187.09m	187.35 M	187.17 M	187.34 M
Crowe Lake	182.25m	182.42m	182.65 M	182.40 M	182.59 M
St. Ola Lake	313.06m	313.57m			
Chandos Lake			313.07 M	312.90 M	312.98 M
Cordova Lake	216.20m	216.50m	216.72 M	216.44 M	216.62 M
Kasshabog Lake	261.64m	262.16m	262.32 M	262.23 M	262.32 M
Round Lake	199.34m	200.10m	200.38 M	200.15 M	200.38 M
Wollaston Lake	309.88m	310.30m	310.50 M	310.12 M	310.48 M
Allan Mills	NO LONGER IN SERVICE				
Oak Lake (previous month)	0.10m	0.50m	0.46m	0.26m	0.46m
<b>Conversions:</b> ✓ Metres to feet: multiply by 3.2808 ✓ Cubic metres/second (cms) to cubic feet/second: multiply by 35.315 ✓ Millimetres (mm) to inches: multiply by 0.039		Total amount of precipitation recorded this month: <b>Belmont Lake:</b> 84.0 mm = 3.3 inches <b>Glen Alda:</b> 65.8 mm = 2.6 inches		Total number of dam operations undertaken during month: 130	
<b>Monthly Summary:</b> Levels and flows peaked during the first week of April.					
For further information, please contact <b>Crowe Valley Conservation Authority</b> P.O. Box 416, Marmora, Ontario K0K 2M0  Phone (613) 472-3137    Fax (613) 472-5516    E-Mail: info@crowevalley.com					

## APPENDIX 3 - AMATEUR RADIO EMERGENCY SERVICE

### Emergency Co-Ordinator

Peter Hodgson\* VE3UR      Home: 613-962-1386  
Cell: 613-969-8613  
Email: [phodgson@kos.net](mailto:phodgson@kos.net)  
11 Baldwin Street, Belleville, Ontario, K8P 2V1

Peter Blakely VA3PGB      Cell: 613-921-2346  
Email: [blackgunpowder5054@gmail.com](mailto:blackgunpowder5054@gmail.com)  
452 Kellars Bridge Road, Eldorado, Ontario, K0K 1Y0

Brian Redden VE3HQR      Home: 705-653-2046  
Cell: 705-653-7578  
Email: [redden@reddens.ca](mailto:redden@reddens.ca)  
93 Harris Street, Campbellford, Ontario., K0L 1L0

NOTE: \* indicates EMO introduction to IMS course



## APPENDIX 4 - SAND BAGS

In a flooding emergency situation, the Crowe Valley Conservation Authority will act in an ***advisory manner only***.

Therefore, the CVCA only maintains a small supply of sand bags which, in emergency situations, may be made available to watershed municipalities and/or residents, on an "as needed" basis as a stop gap measure in an emergency situation.

The CVCA does not have sand stockpiled for sandbagging purposes. Sand should be readily available from each municipality.

Municipalities are encouraged to maintain an adequate supply of sandbags on hand at all times and be prepared to supply sand also on an "as needed" basis.

### Sand Bag Supplier

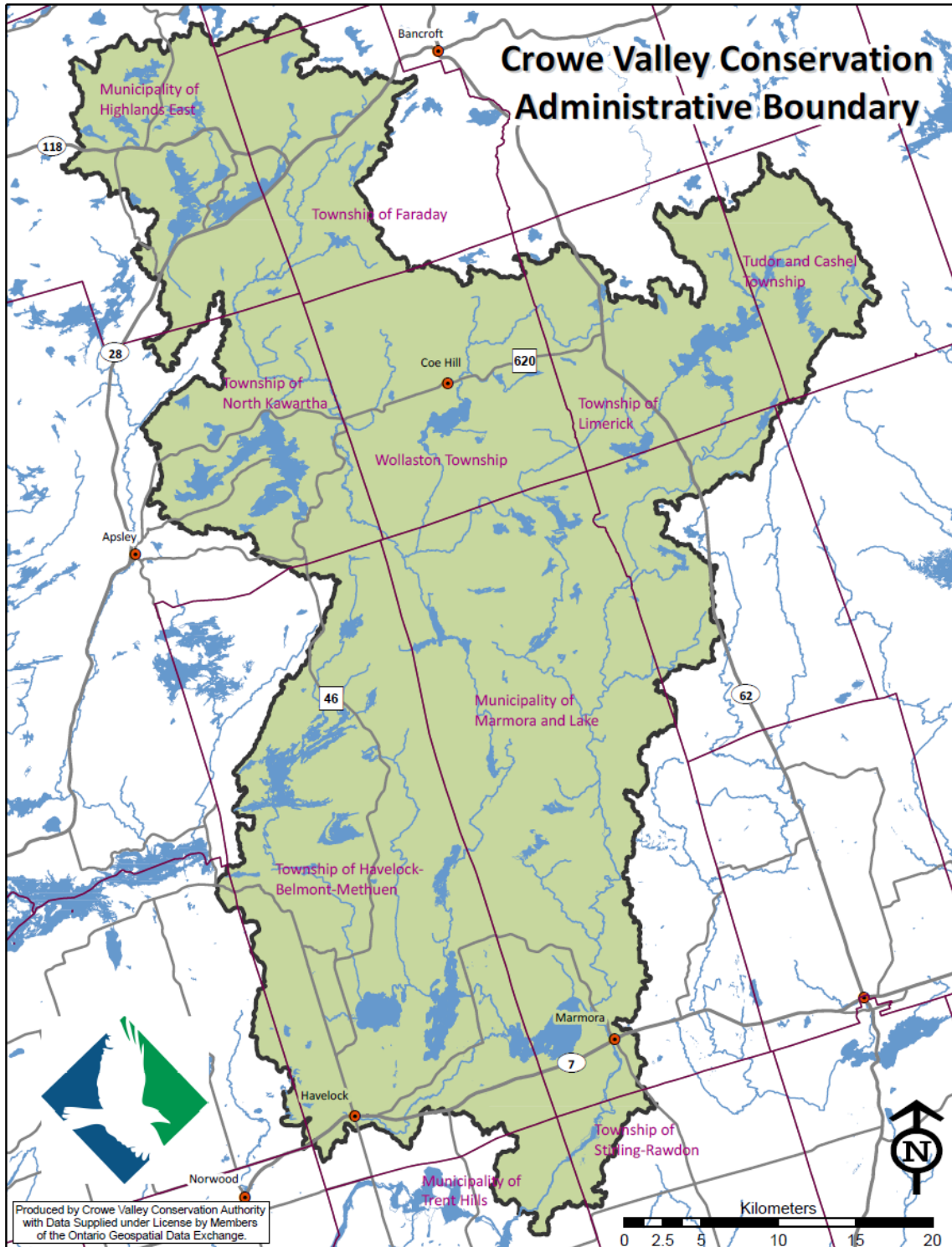
Sand bags may be purchased from the following supplier:

Burtex Industries  
66 Bartor Road  
Weston, Ontario  
M9M 2G5  
Telephone: 416-745-2711  
After Hours call Art Saunders 416-315-2396  
Toll Free: 800-268-0908  
Email: [farrellenterprises@outlook.com](mailto:farrellenterprises@outlook.com)

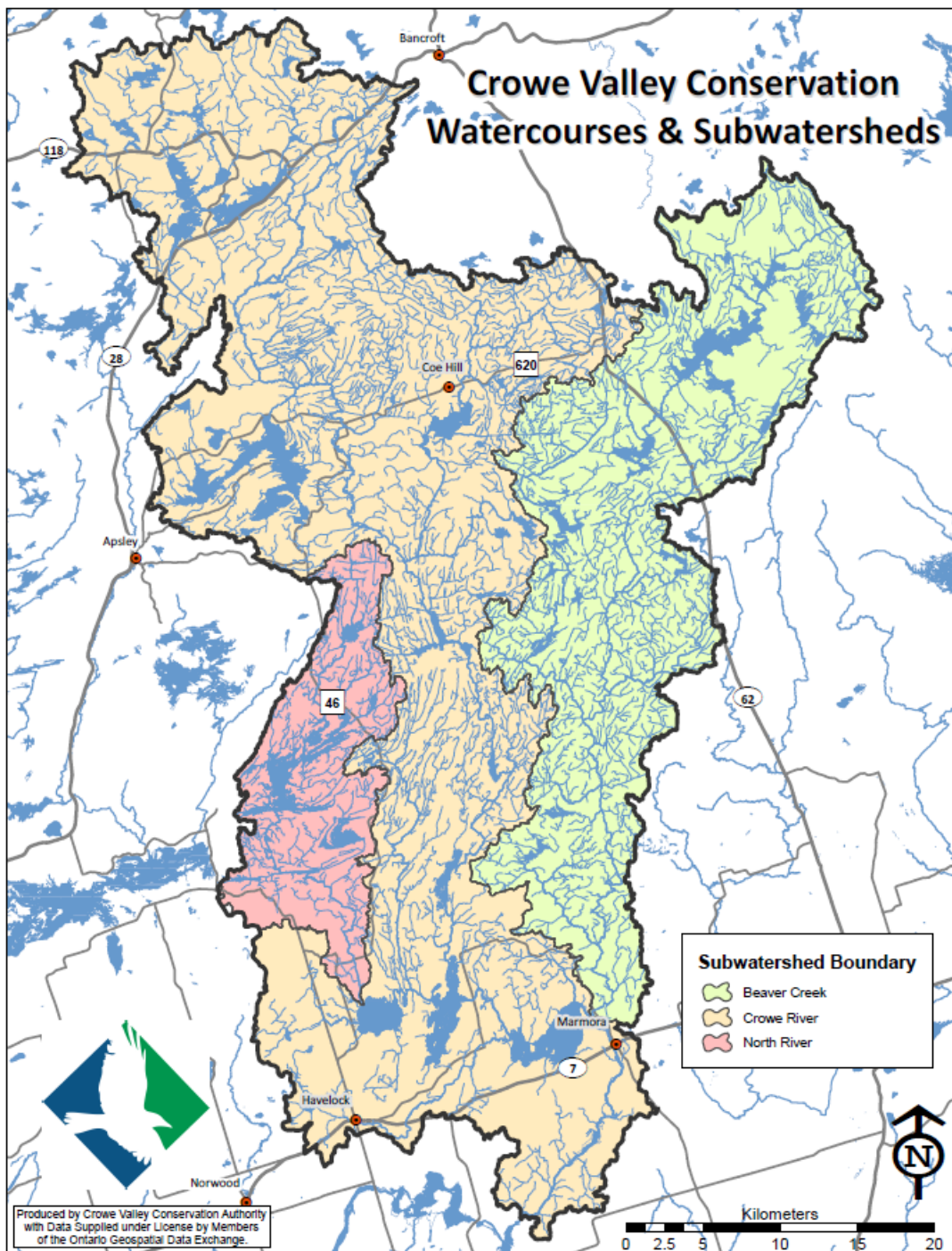
## APPENDIX 5 - DISTRIBUTION LIST

- (a) Members of Crowe Valley Conservation Authority Board
- (b) Clerks of all Member Municipalities
- (c) Ministry of Northern Development, Mines, Natural Resources & Forestry: Kingston, Bancroft, Peterborough
- (d) Ontario Provincial Police:  
Detachments: Bancroft, Northumberland, Kawartha, Central Hastings, Haliburton Highlands
- (e) Trent Severn Waterway: Peterborough, Campbellford, Trenton
- (f) Amateur Radio Emergency Service: Emergency Co-ordinator
- (g) Marmora Fire Department: Attention: Fire Chief
- (h) Staff: Crowe Valley Conservation Authority
- (i) Canadian Red Cross: Attention: Emergency Response Team  
Site Manager Teresa Prato 613-920-5252 [teresa.prato@redcross.ca](mailto:teresa.prato@redcross.ca)  
Emergency Management Coordinator Terra Boddy 289-385-0117  
[terra.boddy@redcross.ca](mailto:terra.boddy@redcross.ca) Provincial Duty Officer 416-209-0432  
[ONDutyofficer@redcross.ca](mailto:ONDutyofficer@redcross.ca) Provincial PDA Assistance line is  
1-800-850-5090

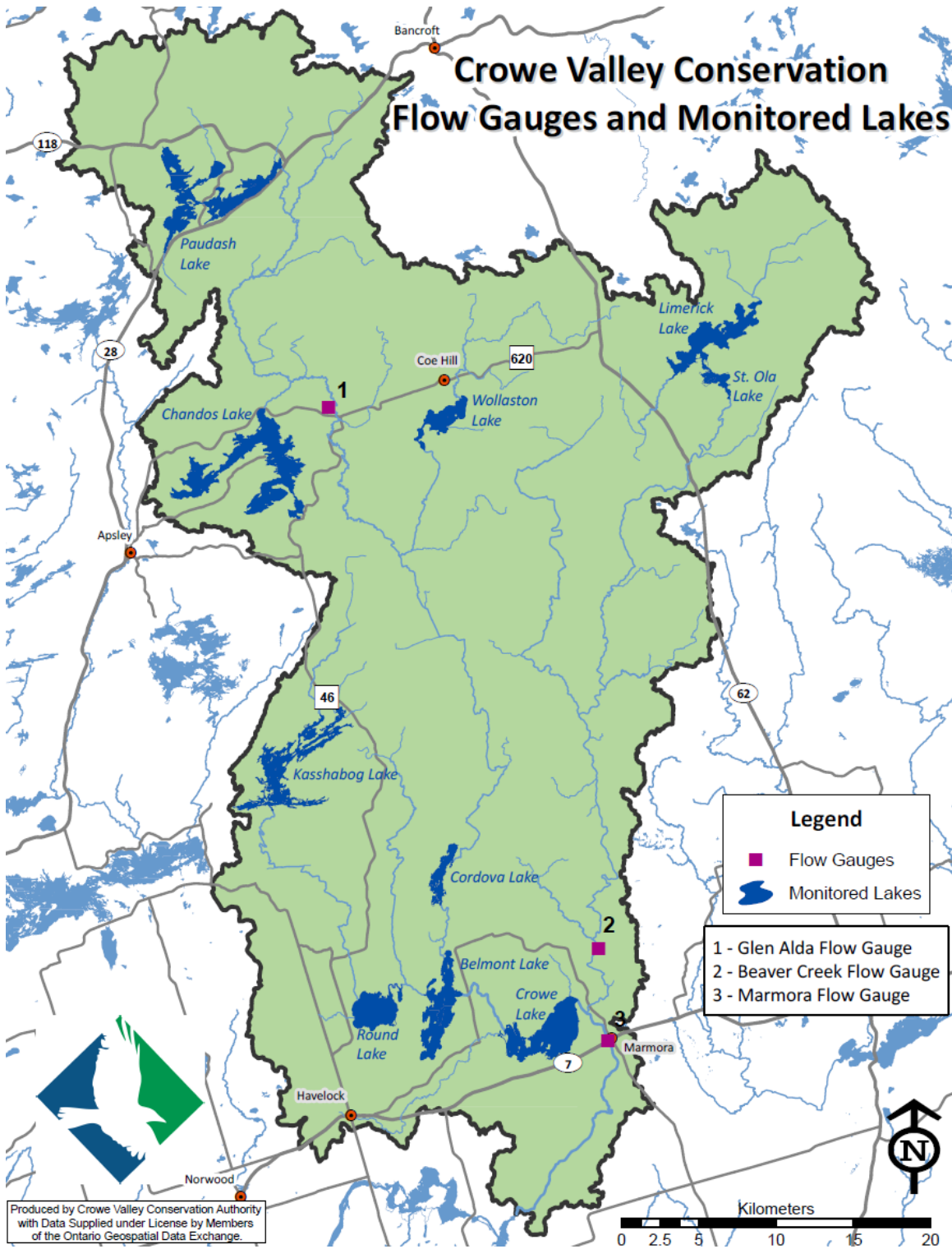
# APPENDIX 6 – WATERSHED AND MUNICIPAL BOUNDARIES MAP



## APPENDIX 7 – WATERSHED WATERCOURSES AND SUBWATERSHED



## APPENDIX 8 – FLOW GAUGE AND MONITORED LAKES





## **APPENDIX 9 – BACKGROUND AND SITUATION ANALYSIS**

### **1.0**

The Allan Mills Dam, which is owned and operated by the Crowe Valley Conservation Authority, is located in Part of Lot 26, Concession 12, Seymour Township. The dam is located approximately 10 kilometers downstream of the Village of Marmora and approximately 6 kilometers above the outlet of the Crowe River into the Trent River system. The dam, with a 64-meter overflow weir and three operating sluice gates, maintains water levels on a wide section of the Crowe River named Rylstone Lake upstream to a small waterfall known as Callaghan's Rapids.

Immediately upstream of the dam is a bridge owned jointly by Hastings County and Northumberland County. The river through this area varies in width and in steepness of the riverbank. A small number of seasonal and permanent residences are located along the banks of the river between the dam and Callaghan's Rapids. In general, the lowest lying residences are located immediately upstream of the bridge.

The Crowe River watershed above Allan Mills Dam drains an area of approximately 2000 Km<sup>2</sup>. The flow of the river in this section varies from under 2 cubic meters per second (cms) in summer to a 1:100 year flow in excess of 225 cms. During the spring of 1998 the river peaked at a flow of 194 cms. Recently, in 2019, the river peaked at a flow of 227 cms.

This appendix has been prepared in response to concerns that the ice jamming may cause flooding due to shifting and jamming in downstream narrows, the bridge or the dam. In the event of flooding resulting from ice jams, this Authority's Flood Contingency Plan will be used as a guideline for flood watch, flood warning and flood response. Given that flooding, resulting from ice jamming, may affect residents in the Municipality of Trent Hills or the Township of Stirling-Rawdon, both municipalities will take a joint leadership role in flood response. Access to some of the property that may be affected will be through Marmora and Lake Township and as a result they are included as participants in this plan in a support role.

This appendix assumes that, if flooding does occur as a result of ice jamming, the response time for action will be extremely short. The first point of this plan will be the safe evacuation of residents at risk of flooding.

## **2.0 Purpose**

This plan has been prepared as an Appendix to the Emergency Plans of the affected Municipalities and the annual Crowe Valley Conservation Authority Flood Contingency Plan. It is intended to form part of the local emergency planning process in the event that a flood emergency occurs as a result of a ice jamming during periods of high water. The plan is intended to prepare for the most efficient deployment of all services and resources in the event that ice jamming blocks the flow of water and causes localized flooding. This plan is intended to ensure:

- 2.1 an efficient flood monitoring system
- 2.2 the earliest possible response to an emergency with the resources available and the establishment of overall control of emergency operations
- 2.3 a response consistent with the prevailing conditions and information provided by the Conservation Authority flood warning system or other sources
- 2.4 crowd control to maintain order so that emergency operations are not impeded and to eliminate sources of potential danger in flood areas
- 2.5 policing to protect property and prevent looting
- 2.6 controlled evacuation and relocation of people considered to be in a hazardous situation
- 2.7 rescue of persons with minimum delay and provision of medical aid
- 2.8 salvage of property
- 2.9 orderly re-occupations of premises

## **3.0 Revisions**

This plan will be revised as long as the threat of flooding from ice jamming remains or as conditions change.

## **4.0 Responsibilities**

In general terms the responsibilities of the primary agencies involved in this plan are given below.

### **4.1 Crowe Valley Conservation Authority – Duty Forecaster**

The responsibilities of the Crowe Valley Conservation Authority – Duty Forecaster will include:

- 4.1.1 daily monitoring of climatic conditions, water conditions and flood forecasting predictions
- 4.1.2 providing Flood Watch and Flood Warning Statements as required by the plan
- 4.1.3 acting as the initial media contact

- 4.1.4 acting as the liaison with the Ministry of Northern Development, Mines, Natural Resources and Forestry regarding Provincial Flood Alerts and environmental issues
- 4.1.5 acting as the liaison with the Department of Fisheries and Oceans regarding potential implications of the *Federal Fisheries Act*

**4.2 Lead Municipalities & Municipal Flood Coordinators  
Municipality of Trent Hills & Township of Stirling-Rawdon**

Due to the potential for flooding to cross municipal boundaries it has been agreed that the Municipality of Trent Hills and the Township of Stirling-Rawdon will assume joint responsibility for flood response. As a recommendation, each Municipality will appoint a Flood Coordinator whose responsibilities will include:

- 4.2.1 providing the coordination and deployment of all resources required to respond to flooding
- 4.2.2 acting as the coordinating agency for determining persons and properties at risk (in consultation with the Ontario Provincial Police and the Conservation Authority)
- 4.2.3 acting as the coordinating agency for the orderly and timely evacuation of residents (in consultation with the Ontario Provincial Police)
- 4.2.4 providing temporary shelter for persons evacuated
- 4.2.5 acting as the coordinating agency for securing property (in consultation with the Ontario Provincial Police)
- 4.2.6 providing sandbags, sands and manpower assistance to land owners (Note: opportunities for sand bagging may be limited due to time constraints and/or manpower constraints and will take a secondary role to preventing loss of life) at the Municipalities discretion
- 4.2.7 acting as the coordinating agency for the relocation of evacuated residents
- 4.2.8 providing cleanup of flood debris and damage on municipally owned land and at the discretion of the municipality, provide cleanup assistance for citizens
- 4.2.9 acting as the Chair for regular Flood Coordinating Meetings
- 4.2.10 declaration of municipal emergency (in consultation with the Ontario Provincial Police and the Conservation Authority)
- 4.2.11 determining if local resources are adequate or if additional resources are required



#### **4.4 Ontario Provincial Police**

The responsibilities of the Ontario Provincial Police will include:

- 4.4.1 the coordination of all security aspects relating to the flood – such as road closures, vandalism, looting and crowd control
- 4.4.2 acting as a media spokesperson during the flood event (in consultation with the Municipalities and the Conservation Authority)
- 4.4.3 consulting with the Municipalities with respect to the declaration of an emergency

#### **4.5 Support Municipality Township of Marmora and Lake**

The responsibility of the Support Municipality – Township of Marmora and Lake, will include:

- 4.5.1 manpower and equipment support to be directed by the Lead Municipalities
- 4.5.2 support to the lead Municipalities with respect to access and control issue for residents that access their property through Marmora and Lake Township
- 4.5.3 shelter support for evacuated residents

### **5.0 Flood Monitoring Plan**

Attached, Schedule ‘B’, is a copy of the Flood Monitoring Plan. The Crowe Valley Conservation Authority will be responsible for the flood monitoring section of this plan.

For the purpose of this plan, Flood Monitoring has been divided into two distinct stages. The first stage, Routine Daily Monitoring will be used at all times when the flow in the Crowe River is **less** than 150 cms as recorded at the Crowe River – Marmora Flow Gauge and will consist of the following:

- 5.1 minimum once daily contact with Environment Canada (Weather)
- 5.2 minimum once daily reading of Marmora (Crowe River) electronic gauge station (flow) and upstream gauging stations
- 5.3 minimum once daily reading of precipitation gauges in Crowe Valley watershed
- 5.4 weekly back up and archiving of data from gauging network
- 5.5 completion of the Crowe River Flood Forecasting Model as required

- 5.6 completion of snow sampling as required (a minimum of once each winter month and twice per month starting in March)

The second stage, Flood Watch will be implemented when the flow in the Crowe River is **greater** than 150 cms (or as deemed necessary) as recorded at the Crowe River – Marmora Flow Gauge and will be utilized to indicate an increased risk of flooding and a notice to Municipalities that the potential for flooding has increased. **No** immediate action is required. A Flood Watch Statement is merely intended to increase awareness of the potential for flooding. Flood Watch will consist of all of the above plus the following:

- 5.7 fax or email an alert notice to Municipal Flood Coordinators

A sample of Flood Watch has been appended to this document.

A Flood Warning will be issued at the first indications that flooding is imminent. Imminent flooding is defined as “any change in river conditions which reasonably may be considered to be a threat to personal safety or cause extensive property damage”. A sample Flood Warning has been appended to this document.

In the event that a Flood Warning is required the Crowe Valley Conservation Authority will immediately:

- 5.8 contact the Ontario Provincial Police and the Flood Coordinators of the three Municipalities and advise of a Flood Warning
- 5.9 advise the Provincial Emergency Response Coordinator (PERC) and the Media

At this point all agencies will proceed to implementation of the Flood Response Plan.

## **6.0 Flood Response Plan**

Should a flood event occur the **Crowe Valley Conservation Authority** will:

- 6.1 organize a site meeting for municipal flood coordinators and the Ontario Provincial Police
- 6.2 continue to provide up to date reports regarding water level conditions, upstream water conditions, flood predictions and weather
- 6.3 act as a liaison with the Ministry of Northern Development, Mines, Natural Resources and Forestry and the Department of Fisheries and Oceans regarding flood and environmental concerns

At the Site Meeting the **Lead Municipalities** will assume joint responsibility for all flood response issues, including:

- 6.4 identifying residences and/or people at risk
- 6.5 issuing evacuation orders – (in consultation with Ontario Provincial Police)
- 6.6 issuing of sand and sandbags to residents
- 6.7 coordinating resources with Municipal agencies – (public utilities, shelter. Etc.)
- 6.8 declaration of an emergency (in consultation with Ontario Provincial Police and the Conservation Authority)

At the Site Meeting the **Ontario Provincial Police** will assume responsibility for all site security measures and media relations:

- 6.9 site security – (road closures, emergency vehicle access, etc.)
- 6.10 information to media (with support from Municipalities and Crowe Valley Conservation Authority)
- 6.11 consult with the Lead Municipalities regarding the need for the declaration of an emergency

## **7.0 Additional Information**

Appended to this plan is a compilation of additional information, contact numbers and background information that may be of assistance during a flood event. The Flood Coordinators for Lead Municipalities will also utilize the Emergency Planning documents of their Municipalities as a resource during a flood event.

## TELEPHONE LIST – MUNICIPALITY OF TRENT HILLS

	Residence	Business	Fax	Cellular
<b>Head of Council:</b> Bob Crate <a href="mailto:bob.crate@trenthills.ca">bob.crate@trenthills.ca</a>		705-653-3977	705-653-5203	705-761-2278
<b>Deputy Mayor – Councilor Ward 3</b> Michael Metcalf			705-653-5203	905-269-7816
<b>CAO</b> Lynn Phillips <a href="mailto:lynn.phillips@trenthills.ca">lynn.phillips@trenthills.ca</a>	705-653-6016	705-653-1900 Ext. 241	705-653-5203	705-653-9423
<b>Director of Legislative Service/Clerk</b> Doug Irwin <a href="mailto:doug.irwin@trenthills.ca">doug.irwin@trenthills.ca</a>		705-653-1900 Ext: 240	705-653-5203	705-632-9423
<b>Flood Coordinator Alternate:</b> Director of Planning and Development Jim Peters <a href="mailto:jim.peters@trenthills.ca">jim.peters@trenthills.ca</a>	613-481-6022	705-653-1900 Ext: 234	705-653-5203	705-653-6070
<b>CEMC Alternate: Deputy Fire Chief</b> Shawn Jamieson <a href="mailto:shawn.jamieson@trenthills.ca">shawn.jamieson@trenthills.ca</a>		705-653-1900 EXT 293 705-745-5757 (pager) ID#608	705-653-5203	705-632-8933
Ontario Provincial Police: Campbellford Detachment	Emergency: 9-1-1 OR 888-310-1122	General Inquiry: 705-653-3300	705-653-5171	
<b>Police Chief:</b> Insp. Jeff Martin	Emergency: 9-1-1 OR 888-310-1122	General Inquiry: 705-653-3300	Fax: 705-653-5171	N/A
<b>Alternate OPP:</b> Staff Sargent Mario Royer	Emergency: 9-1-1- OR 888-310-1122	705-653-3300	705-653-5171	N/A
<b>Fire Chief/Flood Coordinator/CEMC</b> Tim Blake <a href="mailto:tim.blake@trenthills.ca">tim.blake@trenthills.ca</a>	705-653-2408	705-653-1900 Ext. 222	705-653-5203	705-653-6194
<b>Community Development Officer:</b> Kira Mees <a href="mailto:kira.mees@trenthills.ca">kira.mees@trenthills.ca</a>		705-653-1900 Ext:239	705-653-5203	705-653-6363

## TELEPHONE LIST – TOWNSHIP OF STIRLING-RAWDON

	Residence	Business	Fax	Cellular
Head of Council: Mayor Bob Mullins <a href="mailto:mayor@stirling-rawdon.com">mayor@stirling-rawdon.com</a>	613-395-4695	613-395-3346	613-395-0864	613-438-0402
Alternate: Deputy Mayor Grant Hagerman <a href="mailto:deputy-mayor@stirling-rawdon.com">deputy-mayor@stirling-rawdon.com</a>	613-395-3541		613-395-0864	613-922-3541
Emergency Flood Coordinator: Derrick Little	613-921-8152 (work cell)	613-395-0214	613-395-0864	613-921-8152
Alternate: Gerry Buss	613-395-6082	613-771-9366 Ext 229	613-395-0864	613-847-6909
<b>Public Works:</b> George Burkitt <a href="mailto:superintendent@stirling-rawdon.com">superintendent@stirling-rawdon.com</a>	613-920-2877	613-395-3380 Ext 227	613-395-0864	613-847-5654
CAO/Treasurer: Roxanne Hearn	613-395-1583 OR 613-921-6936	613-395-3380 Ext 2222	613-395-0864	613-849-4762
Clerk Kathy Pearl <a href="mailto:clerk@stirling-rawdon.com">clerk@stirling-rawdon.com</a>	705-434-7817	613-395-3380 Ext 2234	613-395-0864	613-848-9995
<b>Opp Madoc Detachment</b>	Emergency: 613-473-4234 (dispatch) 9-1-1	<b>General Inquiry:</b> 613-473-4234 888-310-1122	Fax: 613-473-5029	
<b>Staff Sargent:</b> Scott Underhill		613-473-4234	613-473-5029	
Alternate: N/A				
Building Inspector: Donald Reed	613-395-5325	613-395-5166 866-414-0088	613-395-0864	613-848-6008
<b>Medical Officer of Health (Hastings County)</b> Dr. Piotr Oflaza		<b>613-966-5500 800-267-2803 (After hrs Emergency#) TDD/TTY ph# 711 or 800-267-6511</b>	613-966-9418	
<b>Fire Chief:</b> Derrick Little	613-921-8152 (work cell)	613-395-0214	613-395-0864	613-921-8152
<b>Deputy Fire Chief Stn #1:</b> Bruce Farquhar	613-395-3012	613-395-5044	613-395-0864	613-921-3101
<b>Deputy Fire Chief Stn#2</b> Stephen Finch	613-395-5969		613-395-0864	613-827-5969
<b>Alternate/CEMC (C/S)</b> Gerry Buss	613-395-6082	613-771-9366 Ext 229	613-395-0864	613-847-6909
<b>Environmental Manager</b> Mathew Richmond <a href="mailto:wso@stirling-0rawdon.com">wso@stirling-0rawdon.com</a>	613-328-5475	613-395-3380 EXT: 2223	613-395-0864	613-848-1439
<b>Water and Wastewater Operator</b> Clare Dracup <a href="mailto:wsao@stirling-rawdon.com">wsao@stirling-rawdon.com</a>	613-847-7138	613-395-3380 EXT: 2228	613-395-0864 613-395-0864	613-403-2782 613-403-2782



## TELEPHONE LIST – CROWE VALLEY CONSERVATION

	Residence	Business	Fax	Cellular
Flood Warning Coordinator: <b>Tim Pidduck</b> General Manager <a href="mailto:tim.pidduck@crowevalley.com">tim.pidduck@crowevalley.com</a>	613-967-1322	613-472-3137	613-472-5516	613-847-1912
Alternate: <b>Neil McConkey</b> Water Resources Tech <a href="mailto:watertech@crowevalley.com">watertech@crowevalley.com</a>	613-399-5693	613-472-3137	613-472-5516	613-885-1979
Water Technician <b>Liam Bailey-McDade</b> <a href="mailto:liam.baileymcdade@crowevalley.com">liam.baileymcdade@crowevalley.com</a>		613-472-3137	613-472-5516	
Alternate: <b>Wray Price</b> Lands Resources Tech <a href="mailto:watertech@crowevalley.com">watertech@crowevalley.com</a>		613-472-3137	613-472-5516	
<b>Duty Forecaster:</b>		613-472-3137	613-472-5516	613-848-2478
<b><u>Other Personnel:</u></b> <b>Jan O’Neil</b> Authority Chair <a href="mailto:janoneill@marmoraandlake.ca">janoneill@marmoraandlake.ca</a>	613-472-2972	613-472-3137 or 613-472-2629 EXT 226	613-472-5516 or 613-472-5330	613-847-2430
<b>Janice MacKillican</b> Vice Chair <a href="mailto:j.mackillican@township.limerick.on.ca">j.mackillican@township.limerick.on.ca</a>	613-966-8885	613-472-3137 or 613-474-2863	613-472-5516 or 613-474-0478	613-922-4940
<b>Jim Martin</b> Havelock-Belmont-Methuen Rep <a href="mailto:jmartin@hbmtwp.ca">jmartin@hbmtwp.ca</a>	705-778-3764	613-472-3137 or 705-778-2308 Ext 225	613-472-5516 or 705-778-5248	705-749-7676
<b>Jan O’Neill</b> Marmora & Lake Rep <a href="mailto:j.oneill@marmoraandlake.ca">j.oneill@marmoraandlake.ca</a>	613-472-2972	613-472-3137 or 613-472-2629 Ext 2226	613-472-5516 or 613-472-5330	613-847-2430

## TELEPHONE LIST – TRENT SEVERN WATERWAY

### Campbellford Sector (Hastings, Dam #15 to Meyers, Dam #8) & Trenton Sector (Dam #7 – Glen Ross to Trenton Dam #1)

	Residence	Business	Fax	Cellular
Primary Contact Anna Ciorap Water Management Manager Email: <a href="mailto:anna.ciorap@pc.gc.ca">anna.ciorap@pc.gc.ca</a>		705-750-4932		705-761-7275
Secondary Contact Chad Buchner Director of Canal Operations Email: <a href="mailto:chad.buchner@pc.gc.ca">chad.buchner@pc.gc.ca</a>		705-750-4902	705-750-4934	705-313-1469
Secondary Contact Karl Ellis Sector Manager Email: <a href="mailto:karl.ellis@pc.gc.ca">karl.ellis@pc.gc.ca</a>		705-653-3240		613-242-4305
Secondary Contact Karen Feeley Public Relations and Communications Officer Email: <a href="mailto:karen.feeley@canada.ca">karen.feeley@canada.ca</a>		705-750-4930	705-750-4934	705-313-1097



**TELEPHONE LIST – ALGONQUIN POWER (CORDOVA)SYSTEMS**

	<b>Residence</b>	<b>Business</b>	<b>Fax</b>	<b>Cellular</b>
Head Office Mark de Koning <a href="mailto:mark.dekoning@apsystems.ca">mark.dekoning@apsystems.ca</a>		Cell: 905-829-6360	N/A	Business # forwarded to Mark's cell
Mark de Koning	Use cellular #			604-860-3199
Steve McCrory		289-205-0732		
Site Supervisor Jim Molloy	613-921-3770	705-778-5478		613-921-3770

**TELEPHONE LIST – EMERGENCY RESPONSE**

**AVIATION, FOREST AND EMERGENCY SERVICES (AFFES) AND  
MINISTRY EMERGENCY OPERATION CENTRE (MEOC) OF THE  
MINISTRY OF NORTHERN DEVELOPMENT, MINES, NATURAL  
RESOURCES AND FORESTRY**

**MINISTRY EMERGENCY OPERATION CENTRE (MEOC)**

**PERC Hotline: 1-866-898-7372**

**Clerk: 705-945-5795**

**Fax 705-945-5785**

**Email: [meoc-mail.mnr@ontario.ca](mailto:meoc-mail.mnr@ontario.ca)**

	<b>Work</b>	<b>Home</b>	<b>Fax</b>	<b>Cellular</b>
Scheduled (PERC)	866-898-7372	N/A	705-945-5785	N/A

**FLOOD RESPONSE WILL GO TO WHOMEVER IS MEOC AT THE TIME**

**OTHER RESPONSE CENTRE CONTACT NUMBERS**

PERC Hotline	866-898-7372
Clerks	705-945-5795
Switchboard Replacement	705-945-5750
MEOC <i>Fax Number</i>	705-945-5785

**PETERBOROUGH DISTRICT, MINISTRY OF NORTHERN DEVELOPMENT, MINES,  
NATURAL RESOURCES AND FORESTRY**

	<b>Work</b>	<b>Home</b>	<b>Fax</b>	<b>Cellular</b>
<b>Primary Contact District Manager:</b>  Hal Leadlay <a href="mailto:hal.leadlay@ontario.ca">hal.leadlay@ontario.ca</a>	705-755-3363		705-755-3125	705-761-7395
Emergency Response Coordinator  Deanna Cotter <a href="mailto:deanna.cotter@ontario.ca">deanna.cotter@ontario.ca</a>				705-872-1924

**SURFACE WATER MONITORING CENTRE – CONTACT INFORMATION &  
AFFMB PROVINCIAL EMERGENCY RESPONSE COORDINATOR (PERC)  
CONTACT**

**Contact Information for the Surface Water Monitoring Centre:**

Mailing Address:

Surface Water Monitoring Centre

Ministry of Northern Development, Mines, Natural Resources and Forestry

P.O. Box 7000

300 Water St

5<sup>th</sup> Floor South

Peterborough, Ontario

K9J 8M5

Coordinator – Dave Burritt 1-705-755-1215

Daytime Phone: 705-755-5201 – SMWC duty officer desk

- Please use this number for flood forecasting/warning purposes

After Hours Duty Officer Cell Phone: 705-761-2044

- Please use this number for flood forecasting/warning purposes after regular business hours and weekends/holidays

Fax: 705-755-5038

Alternate Fax: 705-755-5039

- Please use either of these numbers when issuing flood messages

Email for SWMC Duty Officer:

- [surface.water@ontario.ca](mailto:surface.water@ontario.ca)

**CONTACT FOR AVIATION & FOREST FIRE & EMERGENCY SERVICES  
(AFFES),  
MINISTRY EMERGENCY OPERATION CENTRE (MEOC)**

PERC Hotline 866-898-7372

**TELEPHONE LIST – NEWS MEDIA**

	<b><u>PHONE</u></b>	<b><u>FAX</u></b>
<b><u>Campbellford:</u></b>		
CKOL 93.7 FM Campbellford / 100.7 FM Madoc Radio/Trent Valley Broadcasting P.O. Box 551, 15 Reglan St. S. Campbellford, K0L 1L0 David Lockwood <a href="mailto:ckol-radio@bell.net">ckol-radio@bell.net</a>	705-653-1089	705-653-1089
Eastlink Cable Systems, cable provider		
Residential Service	888-345-1111	
Business Service	877-813-1727	
<b><u>Belleville:</u></b>		
CJBQ 800 AM Radio Quinite Broadcasting, P.O. Box 488, 10 Front St., Belleville, ON., K8N 5B2		
Information	613-969-5555	613-969-8122
Direct to Newsroom	613-969-5803	
MIX97 Quinte Broadcasting, P.O. Box 488, 10 South Front St., Belleville, ON., K8N 5B2		
Information	613-969-5555	613-969-8122
Direct to Newsroom	613-968-5803	
Classic hits 95.5 (FM Radio) 497 Dundas St., W. Belleville, ON., K8P 1B6		
Main Line	613-966-0955	613-967-2565
Emergency Calls:	613-966-3125	
Bell Mobility *955 <a href="mailto:paul@cool100.ca">paul@cool100.ca</a>		
The Community Press 365 Bloor Street East, Toronto, ON., M4W 3L4		
Information	613-962-9171	631-962-9652
<a href="mailto:intelligencer.classifieds@sunmedia.ca">intelligencer.classifieds@sunmedia.ca</a>		
The Belleville Intelligencer (daily paper), 365 Bloor Street East, Toronto, ON., M4W 3L4		
Information	613-962-9171	613-962-9652
Toll Free	1-866-511-1963	
<b><u>Peterborough:</u></b>		
Corus Entertainment 100.5 Fresh Radio, 743 Monaghan Rd, Peterborough, ON., K9J 5K2		
Main Office	705-742-0451	705-742-7274
Newsroom	705-748-6101 Ext 212/213	
<a href="mailto:newswatchradio@corusent.com">newswatchradio@corusent.com</a>		
Corus Entertainment CKWF The Wolf 101.5 Radio, 743 Monaghan Rd, Peterborough, ON., K9J 5K2		
Main Office	705-742-0451	705-742-7274
Studio Line	705-740-9653	
Newsroom	705-742-0875	
*1015 on Bell Mobility <a href="mailto:newswatchradio@corusent.com">newswatchradio@corusent.com</a>		

	<b><u>PHONE</u></b>	<b><u>FAX</u></b>
MOVE 99.7 Radio, P.O. Box 177 59 George St. N., Peterborough, ON., K9J 6Y8		
Information	705-742-8844	705-472-1417
In Studio	705-743-9970	
*9970 on Bell Mobility		

[kawarthanews@bellmedia.ca](mailto:kawarthanews@bellmedia.ca)

Moose FM 30674 Highway 28E, Bancroft, ON., K0L 1C0		
Studio Line	613-332-1423	
<a href="mailto:tsm@moosefm.com">tsm@moosefm.com</a>		

CKQM-FM Radio Country 105, P.O. Box 177, 59 George St. N. Peterborough, ON., K9J 6Y8		
Information	705-742-8844	705-742-1417
In Studio	705-876-1051	
<a href="mailto:kawarthanews@bellmedia.ca">kawarthanews@bellmedia.ca</a> or <a href="mailto:country105@bellmedia.ca">country105@bellmedia.ca</a>		

CHEX "news watch" (TV station), 743 Monaghan Rd, Peterborough, ON., K9J 5K2		
Switchboard	705-742-0451	705-742-7274
TDD No.	705-749-2179	
Newsroom	705-742-8712	705-742-2930
*111 on Bell Mobility		
<a href="mailto:newswatch@chextv.com">newswatch@chextv.com</a>		

The Peterborough Examiner (daily newspaper) c/o Package Plus Inc. 171A Rink St., Suite 125., Peterborough, ON., K9J 2J6		
Information	705-745-4641	705-745-3361
<a href="mailto:news@peterboroughdaily.com">news@peterboroughdaily.com</a>		
Viewer Contact		
<a href="mailto:viewermail@chextv.com">viewermail@chextv.com</a>		

### **Bancroft:**

The Bancroft Times Newspaper 93 Hastings St. N. Bancroft, ON., K0L 1C0		
	613-332-2300	613-332-4887
	613-332-1894	
<a href="mailto:bancroft-times@sypmatico.ca">bancroft-times@sypmatico.ca</a>		
<a href="http://www.thebancrofttimes.ca">www.thebancrofttimes.ca</a>		

**LOCAL RESOURCE DIRECTORY – AS PROVIDED BY TOWNSHIP OF  
STIRLING-RAWDON**

**FOOD SERVICES**

Foodland 44 North St, Stirling, K0K 3E0 .....	613-395-2493
Steve Runnals RR # 1, Stirling, K0K 3E0 .....	(Res) 613-395-5296
Circle K 1 Mill St, Stirling, K0K 3E0 .....	613-395-3367
Pro One Stop 280 North St., Stirling, K0K 3E0 .....	613-395-5360
Jenny’s Country Lane 38 Mill St., Stirling, K0K 3E0 .....	613-395-5487
Jenny Abraham, Owner RR 4, Stirling, K0K 3E0.....	(Res) 613-395-5545
Vito’s Pizza 160 North St., Stirling, K0K 3E0 .....	613-395-1313
Jimmy’s Special Pizza and Fish and Chips 2 West Front St., Stirling, K0K 3E0 .....	613-395-5111
Savory House Chinese Cuisine 24 West Front St., Stirling, K0K3E0 .....	613-395-1288
Subway 127 North St., Stirling, K0K 3E0 .....	613-395-6400
The Black Dog Family Restaurant 227 West Front St., Stirling, K0K 3E0 .....	613-395-9444
Stirling Food Bank Emergency Contact Heather Bailey .....	613-920-1108

**MEDICAL SERVICES**

Dr.Ranijith, Dr Mahedeva,.....	613-395-5566 Fax 613-395-3636
9C Tuftsville Rd., Stirling, K0K 3E0 southeasthealthline.ca	
Hastings Quinte Paramedic Services 111 Millennium Pkwy, Belleville., K8N 4Z5 .....	613-771-9366
QHC Belleville General Hospital 265 Dundas St. E. Belleville., K8N 5A9 .....	1-800-483-2811 or 613-969-7400 Fax 613-968-8234 info@qhc.on.ca
Campbellford Memorial Hospital 146 Oliver Rd, Campbellford., K0L 1L0 .....	705-653-1140
QHC Trenton Memorial Hospital 242 King St, Trenton., K8V 3X1 .....	613-392-2540
.....	Fax 613-392-2489
Stirling Manor Nursing Home 218 Edward St., Stirling K0K 3E0 .....	613-395-2596
.....	Fax 613-395-0930 info@stirlingmanor.com
Victorian Order of Nurses (VON) 1545 Monaghan Rd., Peterborough, K9J 5N5 .....	705-874-1270 Fax 705-874-0915
St. John’s Ambulance Loyalist Branch 417 Montose Rd, Belleville. K8R 1B2 .....	613-962-7933
Canadian Red Cross 80 Parks Dr., Belleville., K8N 4Z5 .....	613-966-0730
Hastings & Prince Edward Counties Health Unit 179 N Park St., Belleville., K8P 4P1.....	613-966-5500
Guardian Drugs 9D Tuftsville Rd., Stirling., K0K 3E0.....	613-395-2110

Hastings Veterinary Hospital 9E Tuftsville Rd, Stirling., K0K 3E0 .....613-395-3386  
 Stirling Funeral Chapel 87 James St., Stirling., K0K 3E0 .....613-395-2424  
 Stirling Pharmasave 160 North St, Unit 2., Stirling., K0K 3E0 .....613-395-2353

**TOWING COMPANIES**

Wilkes Towing & Repair 439 Ashley St., Foxboro K0K 2B0.....613-968-5376  
     Chas Wilkes 228 Foxboro Stirling Rd, Foxboro K0K 2B0 ... (Res) 613-969-5166  
 McKeown Motor Sales 2589 Spring Brook Rd, Springbrook, K0K 3C0 ..... 613-395-3883  
 ..... Sales 1-888-623-0170 mckeownmotor.com  
 Rollins Auto Wreckers 623 Slab St., Madoc K0K 2K0.....613-473-2242

**STIRLING TOWNSHIP - EQUIPMENT LIST**

- 1 – John Deere Backhoe 310SK
- 1 – Komatsu 22ton wheeled excavator
- 4 – 15 Ton Tandem Axle Dump Trucks
- 1 – 10 Ton Single Axle Dump Trucks
- 2 – 2/3 HP Water Pumps
- 250 - 500 – Sandbags
- 7,000 Cu. Yards sand & salt mix
- 2 – Front end loader 1 cu. Yard capacity
- 2 – Class 7 Motor Grader
- 3 – ½ ton trucks
- 1-3/4 ton truck
- 2 - Generators

**STIRLING FIRE DEPARTMENT EQUIPMENT LIST**

- 3 – Triple Combination Pumpers
- 2 – Rescue Units
- 3 – Generators
- 3 – Jaws of Life (two hydraulic and one cordless battery operated)
- 38 – Volunteers
- 1 – Tanker
- 1 – Water Source Van
- 1 – 4 x 4 1500 half ton

**CONSTRUCTION EQUIPMENT AVAILABLE FROM OTHER SOURCES**

Danford Construction Ltd. 326 Durham S., Madoc K0K 2K0.....613-473-2468  
 Pat Hunter RR 3 Frankford K0K 2C0.....613-395-1743  
 Ronald A Cooney Haulage Ltd 256 Eggleton Rd, Stirling, K0K 3E0 .....613-395-2875  
 McKeown Motor Sales 2589 Spring Brook Rd, Springbrook, K0K 3C0 .....613-395-3883  
 or.....mckeownmotor.com

## TRANSPORTATION SERVICES

Franklin Coach & Tours, 305 Bell Blvd, Belleville K8P 5H3.....613-966-7000  
 Coach Canada 2015 Fisher Dr., Unit 101, PO Box 4017, Peterborough K9J 7B1  
 .....705-748-6411 or 1-800-461-7661 Fax 705-748-2452  
 Central Taxi, 569 Dundas St.E. Belleville K8N 1G6 .....613-962-5353

## UTILITIES

Hydro One 149 Elgin St.E., Cobourg K9A 1A1 .....1-800-434-1235 or 905-377-1881  
 Trent Hills Water treatment Plant 58 Saskatoon, Campbellford K0L 1L0... 705-653-2382  
 Emergency ..... 705-653-2610

## EMERGENCY SHELTERS

St. Paul's United Church Minister Cheryl McMurray	104 Church St, Stirling, ON., K0K 3E0	613-395-3379
St. James the Minor RC Church  Father Don Oberwarth  Heather Bailey	236 Edward St., Stirling, ON., K0K 3E0	613-395-5700  613-920-1108
St. John's Anglican Church  Rev. Canon Nancy Beale  Kathy Reid	73 North St., Stirling, ON., K0K 3E0 <a href="mailto:office@stjohnsstirling.ca">office@stjohnsstirling.ca</a> <a href="mailto:stjohnsstirling@gmail.com">stjohnsstirling@gmail.com</a> <a href="mailto:stirlingpriest@gmail.com">stirlingpriest@gmail.com</a>	613-395-1745 or 613-848-3239  (Res) 613-395-5171 <a href="mailto:rkreid@sympatico.ca">rkreid@sympatico.ca</a>
Community Pentecostal Church  Pastor John Spurrell	289 W Front St., Stirling, ON., K0K 2M0	613-403-5381 613-395-5381
St. Andrew's Presbyterian  Reb. Dr. Morley Mitchell	P.O. Box 118, 110 Mill St., Stirling, ON., K0K 3E0 <a href="mailto:standrews@stirling.com">standrews@stirling.com</a>	613-395-5006 or 613-966-6834 (cell) 613-847-6894
Jehovah's Witness Temple  Coordinator for Elders: Keith Deshane	2486 Hwy 14 N, Stirling, ON., K0K 3E0	613-395-4805  613-395-3251
Hastings and Prince Edward District Board of Education  Principal – Susan Carleton-Maines  <a href="mailto:stirling@hpedsb.on.ca">stirling@hpedsb.on.ca</a>	156 Ann St., Belleville, ON., K8N 3L3  107 St. James St., Stirling, ON., K0K 3E0	613-966-1170 or 1-800-267-4350 Fax:613-961-2003  613-395-3389 Fax 613-395-5350
Stirling and District Recreation Centre  Arena Manager – Richard Dean  <a href="mailto:richard@stirlingarena.ca">richard@stirlingarena.ca</a>	435 West Front St., PO Box 400, Stirling, ON., K0K 3E0	613-395-5000
Stirling Legion, Branch #228  <a href="mailto:legionbranch228@hotmail.com">legionbranch228@hotmail.com</a>  President Vicki Bateman	2430 Stirling Marmora Rd., PO Box 670, Stirling, ON., K0K 3E0	613-395-2975  613-395-0906



<b>Agencies</b>	<b>Municipality of Trent Hills</b>	<b>Stirling-Rawdon</b>		<b>Marmora &amp; Lake</b>
<b>Ambulance</b>	9-1-1 or Campbellford	9-1-1		9-1-1
<b>Fire Department</b>	9-1-1 or 705-653-1236	9-1-1 or 613-921-8152		9-1-1 or 613-921-6117
<b>Hospital</b>	QHC Belleville General 265 Dundas St. E., Belleville, K8N 5H9 .....613-969-7400 Toll Free ..... 1-800-483-2811 Campbellford Memorial 146 Oliver Rd, Campbellford, K0L 1L0 .....705-653-1140 Peterborough Regional Health Centre 1 Hospital Dr. Peterborough, K9J 7C6 .....705-743-2121 Trenton Memorial Hospital 242 King St., Trenton, K8V 5S6 .....613-392-2540 ..... Fax 613-392-3749			
<b>Marine &amp; Air Search &amp; Rescue</b>	1-800-267-7270 or 613-965-3870			
<b>Police</b>	9-1-1 Ontario Provincial Police Emergency Only 888-310-1122  General Inquiry Campbellford Detachment 705-653-3300 Fax: 705-653-5171	9-1-1 Ontario Provincial Police Emergency Only 888-310-1122  General Inquiry Madoc Detachment 613-473-4234 Fax 613-473-5029		9-1-1 Ontario Provincial Police Emergency Only 888-310-1122 General Inquiry Madoc Detachment 613-473-4234 Fax 613-473-5029 Alt. Quinte West Detachment 613-392-3561 Fax 613-392-5202
<b>Public Works</b>	Municipal Garage 705-653-1900 EXT 244 Fax 705-653-5203 Emergency 24HR 705-653-7090	Municipal Garage 613-395-3380	Municipal Garage Springbrook 613-395-3223	
<b>Medical Officer</b>	Kira Mees Community Development Officer Bus: 705-653-1900 Ext 239 <a href="mailto:kira.mees@trenthills.ca">kira.mees@trenthills.ca</a> Fax:705-653-5203	Director of Health Protection for Hastings and Prince Edward Counties Health Unit: Dr.Piotr Oglaza 613-966-5500 Toll Free 800-267-2803 (after hours emergency no.) TDD/TTY: 711 or 800-267-6511 or 613-966-3036 Fax 613-966-9418		

## **DISTRIBUTION LIST**

As attached to CVCA “Flood Warning System”:

Members and Staff: Crowe Valley Conservation Authority

Clerks of all Member Municipalities

**Ministry of Northern Development, Mines, Natural Resources & Forestry:** Kingston, Bancroft & Peterborough

**OPP Detachments:** Bancroft, Northumberland, Kawartha, Central Hastings & Haliburton Highlands

**Trent Severn Waterway:** Peterborough, Campbellford, and Trenton

**Canadian Red Cross** – Emergency Management Coordinator, Terra Boddy 289-385-0117 [terra.boddy@redcross.ca](mailto:terra.boddy@redcross.ca) (Canadian Red Cross, Hastings Branch, 110 North Front Street – A3, Suite 412, Belleville, Ontario., K8P 0A6; Emergency Dispatch Line 24/7 705-653-7632

[hpecbilling@redcross.ca](mailto:hpecbilling@redcross.ca)

Emergency Response Team Site Manager Teresa Prato 613-920-5252

[teresa.prato@redcross.ca](mailto:teresa.prato@redcross.ca)

Provincial Duty Officer 416-209-0432 [ONDUTYofficer@redcross.ca](mailto:ONDUTYofficer@redcross.ca)

Provincial PDA Assistance 1-800-850-5090

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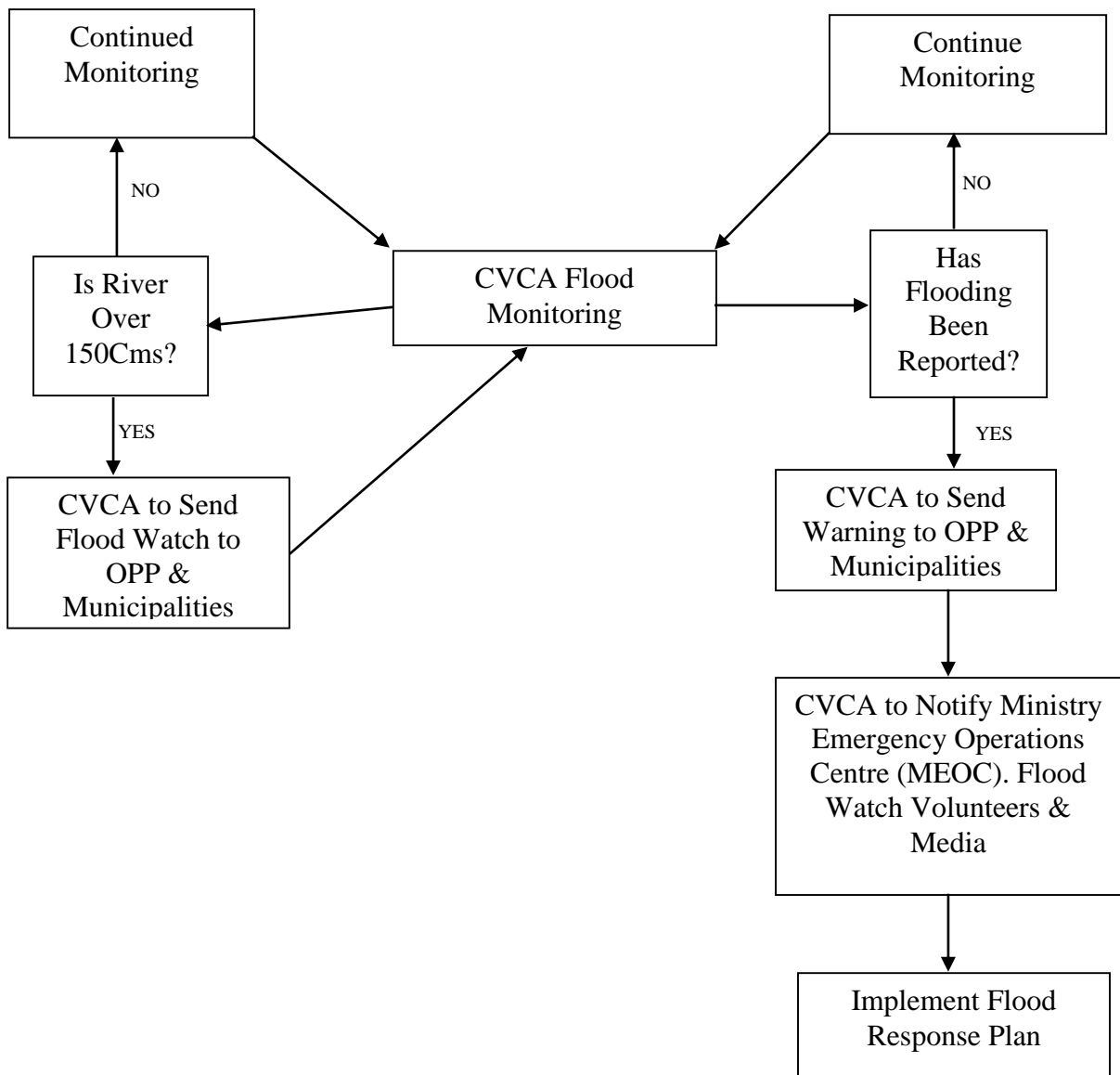
Mr. Todd Smith, MPP, Prince Edward-Hastings (5503 Highway 62 S Unit D, Box 6-2, Belleville, On., K8N 0L5.; 1-877-536-6248; 613-962-1144; Fax 613-969-6381; [todd.smithco@pc.ola.org](mailto:todd.smithco@pc.ola.org)

Mr. David Piccini, MPP Northumberland (117 Peter St. Port Hope, Ontario., L1A 1C5; 905-372-4000 Fax: 905-885-0050 [david.piccinico@pc.ola.org](mailto:david.piccinico@pc.ola.org)

Ms. Kira Mees, Community Development, Trent Hills (P.O. Box 1030, 66 Front Street South, Campbellford, Ontario., K0L 1L0.; 705-653-1900 Ext 248; Fax 705-653-5203; [kira.mess@trenthills.ca](mailto:kira.mess@trenthills.ca)

Leanne Latter, Emergency Planning Coordinator, Hastings County Emergency Services; 613-966-1319 Ext 2500 or 613-391-8154 (cell); [latterl@hastingscounty.com](mailto:latterl@hastingscounty.com)

**CVCA FLOOD FORECASTING AND MONITORING FLOW CHART**



## **FLOOD EMERGENCY COORDINATION**

