

AGENDA
REMO COMMITTEE MEETING

Monday, March 18, 2019
Municipality of the District of Lunenburg
Council Chambers
1:30 p.m.

Page

1. CALL TO ORDER
2. ANNOUNCEMENTS, ACKNOWLEDGEMENTS, RECOGNITION
3. APPROVAL OF AGENDA – Added Items
4. APPROVAL OF MINUTES – January 21, 2019 (circulated)
5. BUSINESS ARISING FROM MINUTES
 - 5.1 Parade Strategy – Letter from Minister Hines, NSTIR.....1
 - 5.2 2019/20 REMO Budget – Motions Required from all 5 Councils
6. NEW BUSINESS
 - 6.1 Inland Flooding..... 2-14
7. REMO COORDINATOR MONTHLY REPORTS
 - 7.1 January & February 2019..... 15-18
8. ADDED ITEMS - NIL
9. IN CAMERA - NIL
10. NEXT MEETING – May 21, 2019 at 1:30 p.m.
11. ADJOURNMENT



NOVA SCOTIA

Transportation and Infrastructure Renewal
Office of the Minister

REMO Advisory Committee
March 18, 2019
Item 5.1
Authorization: A. Dumaresq

COPY

PO Box 186, Halifax, Nova Scotia, Canada B3J 2N2

IAN 24 2019

Mr. Wayne Mason, President
Nova Scotia Federation of Municipalities
1809 Barrington Street, Suite 1304
Halifax, NS B3J 3K8

Dear Mr. Mason:

The recent tragedy involving the death of a young girl at a parade in Yarmouth has brought to my attention the need to evaluate conditions for approval of parades on provincial roads. I have asked staff in my department to undertake a comprehensive review of our permit conditions for parades and to recommend any changes necessary to help prevent serious injuries or fatalities in the future.

Under the *Motor Vehicle Act*, the location and timing of all parades on public roads must be approved by the Traffic Authority for the jurisdiction that has ownership of the roads. When approving a parade request, the Traffic Authority may impose any conditions they believe are appropriate to ensure the safety of participants and spectators.

When parades take place on roads owned by the Province, our Traffic Authorities follow the guidelines contained in the *"On-Highway Special Events Guide"* and the conditions contained in the *"Permit to Conduct a Special Event on a Provincial Highway"* (attached). Additional site-specific conditions may also be added by the Traffic Authority. Although there is no legislated requirement, some municipalities have adopted the Province's parade permit conditions for use on their parade permits. I strongly urge all municipal Traffic Authorities to adopt these conditions or develop their own that are equally effective in providing the highest possible safety standards for parades.

Going forward, I expect there will be changes to the current conditions for parades on Provincial roads. These revised conditions will be based on a review of parade permitting requirements in other jurisdictions across Canada and the United States. Once we have finalized these new conditions, we will ensure they are communicated to all municipal Traffic Authorities in the province.

Sincerely,


Lloyd P. Hines
Minister

Attachments:
On-Highway Special Events Guide
Permit to Conduct a Special Event on a Provincial Highway

REMO Contingency Plan

Specific Risk = InLand Flooding

A Flood can be defined as “an overflow or inundation that comes from a river or other body of water and causes or threatens damage”.

This may occur as a result of weather phenomena and events that deliver more precipitation to a drainage basin than can be readily absorbed or stored within the basin over time or as a Flash Flood, the result of heavy or excessive amounts of rainfall within a short period of time, usually less than 6 hours, causing water to rise and fall quite rapidly. Ice jams due to sudden spring melt increase both probability and impact.

Risk Scenario Levels

Level 5- Stage 1 Flooding; Heavy rainfall (30mm+) over several days, or high intensity rainfall (100mm in 24 hours) causing basement flooding in low-lying/river & lake frontage areas; infrastructure (ex. Pumping stations, dams) with non-critical flooding levels; TIR/Public works responding to road issues; AEC’s monitoring; warnings distributed

Level 4- Stage 2 Flooding causing inundation of water on low-lying road areas; increased call volume for Fire Departments responding to flooded basements; TIR erected & manned barricades; agencies notified; warning distributed; AEC’s monitoring, Situational Awareness meeting

Level 3- Stage 3 Flooding; evacuation potential or imminent for vulnerable populations; potential for isolation of residents due to road closures; infrastructure damage; TIR notification of response levels reaching critical levels with potential need for resources

Level 2- Damage to critical bridge(s)/roadways causing closure (ex. Town of Bridgewater bridges) isolating community from resources; multiple small-scale or large-scale evacuation required; long-term property and infrastructure damage; long-term displacement more than 100 residents; Uncontrolled Dam breach

Level 1- Closure of major 100 series highway for extended period of time (over 72 hours) isolating community/province from outside resources (food, fuel, supplies); 1000+ community-wide evacuation; critical infrastructure destroyed with inability to provide essential services

Triggers for REOC Activation

- Level 3 or above
- Evacuation above 10/25 or potential
- Critical Infrastructure Damage
- Public Information/Media Management
- Resource request from First Responders

Situational Analysis Checklist

Information	Confirmed			Identify
	Yes	No	Unknown	
Lead Agency/I.C. (TIR; Public Works/Engineering; RCMP/Police)				
Type of Event				
Contributing Risks (Dam breach; preceding drought increasing run-off; ice jams in river systems; snow melt; hazardous material fix with run-off)				



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<p>Agencies on Scene (Public Works; Water Utility(s) TIR; RCMP/Police; Fire Departments)</p>				
<p>Agencies on Standby (GSR; Utilities; Red Cross)</p>				
<p>Threat to Life/Injury</p>				
<p>Threat to Property</p>				
<p>Area of Impact (Town of Bridgewater; Meisner’s Section, New Germany; Barss Corner; Pinehurst; West River Bridge/Simpsons Corner; Ohio/Stanley Section; Lk. Pleasant Rd; Fancy Lake subdivisions; Lake Lawson(New Ross); Mahone Bay; Martins River; East River; Western Shore; Petite Rivere: Town of Lunenburg- Victoria rd.,Tannery Rd., Knickle road areas)</p>				
<p>Vulnerable Populations -persons with mobility issues - pet owners; livestock/farms - unprepared individuals)</p>				
<p>Critical Infrastructure Risks -Bridges</p>				



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<ul style="list-style-type: none"> - Roadways, culverts - Water/Waste Treatment Facilities & systems - Water & Waste treatment lines under LaHave River (Town of Bridgewater & New Germany) - NS Power substations - Dams (Bridgewater Watershed; Morgan Falls- New Germany) -Water Supply Lakes (Oakland, Dares, Hebbs) - Cemeteries - On-site septic & wells - industrial & agricultural sites with potential hazardous materials 				

Situational Assumptions to Be Confirmed

Assumption	Confirmed or Corrected	Unconfirmed Assigned To:
Lead Agency(s) is defined		
REOC is established & staffed		
Environment Canada has provided advance notice/warnings of conditions with regular updates		
Map modeling has been done to anticipate/identify impact areas		
TIR is manning all road barricades		
Small scale evacuation decisions have been made by Incident Command on Site		
Large scale evacuation decisions will be made in consultation with First Responders/IC and REOC		
RCMP/Police will coordinate evacuation of residents		
REOC will identify evacuation facility(s)		
Red Cross will set up, manage and maintain evacuation facility(s)		
Water Utility/Public Service Commission is monitoring and will notify REOC of any dam concerns		
Municipal services (ex. Sewage & water treatment) will be maintained by Unit Public Works/Engineering		
Inability to maintain municipal services will be communicated to REOC		
Essential community services (power,		



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communications) will be maintained/restored by response network		
Inability to maintain essential services will be communicated to the REOC		
Local State of Emergency will be declared as appropriate		
Mutual aid assistance from outside REMO will be coordinated through EMO-NS		

Planning Objectives Required

Objective	Yes	No
Establish communication between site(s) and REOC		
Provide Public Information messaging (global and based on map modeling)		
Coordinate evacuation(s)		
Support emergency response agencies as required		
Maintain awareness of essential community services & support as necessary		
Establish viable re-entry/recovery plan		



First REOC Operational Cycle (Tasks to Support Planning Objectives)

Start Time: _____ End Time: _____

Action	Task	Assigned To:	Supporting Agencies/Resources	Status		
				Confirmed	In Progress	Not Actioned
ER.1	Activate REOC -follows REMO activation sequence procedure -may be established physically or virtually -identify REOC site -inform province of activation	REOC Manager	AEC's, CAO's			
ER.2	Situational Analysis conducted	REOC Manager	Incident Command(s); Environment Canada; Water Utilities; AEC's; Agencies SA Checklist			
ER.3	REOC roles assigned & communicated -REOC Manager -Site Liaison -Planning	REOC Manager	AEC's; CAO's; Radio Committee; Media Liaison Assignments posted on white board/wall of REOC			



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	<ul style="list-style-type: none"> -Logistics -Operations -Finance -Comms -Media/P.I. Liaison -Councils/Officials Liaison 					
ER.4	Establish Communication between Site(s) & REOC	Comms	Site Liaison; Operations; Agencies; TMR-Mutual Aid Channel; direct cell phone links; ICS 309 Communications Log form			
ER. 5	Establish REOC requirements <ul style="list-style-type: none"> -I.T. needs -communication boards -Admin. support -Food, water -Security -Break-out rooms -Maps 	Logistics	Municipal staff; CAO Admin Staff assigned to maintain Operational Task form (projected on computer screen/wall monitor) ICS General Message Log (ICS 213 form) REMO EOC Activation Procedure(used to guide connection virtually with alternate site)			
ER.6	Develop Evacuation Plan if Appropriate (<i>based on</i>	Planning	Operations; Site Liaison/Agency Reps; Red Cross			



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	<i>planning objectives</i> -facility -resource needs -order of staging/vulnerable groups -transportation including appropriate routes -management (Red Cross) -information needs					
ER.7	Update Council/Officials on Activation Status, Situational Analysis & Planning Objectives	Council/Officials Liaison (CAO)	CAO's; REOC Manager REMO Advisory email distribution list Unit Council Distribution Lists			
ER.8	Local State of Emergency declared if necessary (form signed)	Council/Officials Liaison	REMO Advisory Form 5 or 4			
ER.9	Inform Province of Local State of Emergency	REOC Manager	EMPO-NS			
ER.10	Issue initial media release	Media Liaison	Media Distribution List			
ER.11	Support site(s)	Site Liaison	Operations; Planning (<i>may require</i>			



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	requirements		<i>additional plans)</i> ICS Form 201.10 Resources summary			
ER.12	Set schedule for Situational Reports	REOC Manager	Planning Communicated on wall/white board in REOC			
ER.13	Set schedule for Media releases(s)	Media Liaison	Media Distribution List Logistics to coordinate location Communicated on White Board/wall			
ER.14	Identify municipal services levels (ex. waste & water treatment)	Operations	CAO's; Municipal Staff; Logistics			
ER.15	Identify essential community services levels	Operations	Logistics; Agency Reps; EMPO; AEC's, Municipal Staff REMO Distribution List REMO Contact List			
ER.16	Track resource expenses -actual -anticipated	Finance	Operations; Logistics; Municipal staff; CAOs Resource summary 201.10			

Recovery Phase

Action	Task	Assigned To:	Supporting Agencies	Status		
				Confirmed	In Progress	Not Actioned
R.1	Identify conditions indicating threat removed	Site (s) Liaison/Lead Agency	I.C; Environment Canada; TIR; Water Utility			
R.2	Assemble teams to assess areas safe for return -may require outside assistance	Operations	Municipal Staff; Public Works; Building Inspectors; TIR			
R.3	Communicate conditions of resumption of pre-emergency activities -what activities can be resumed -conditions of resumption activities -actions required to ensure safety (ex. Alternative routes; building safety; well-water testing) -method to obtain	Media/P.I. Liaison	Site Liaison; REOC Manager; All supporting agencies			



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	assistance if required					
R.4	Remove Declared State of Emergency -Form required	Council/Officials Liaison	REMO Advisory Form 7			
R.5	Communicate removed State of Emergency to province	REOC Manager	EMPO-NS			
R.6	Develop overall recovery plan -objectives and goals	Planning	REOC Manager; Operations; REMO Advisory			
R.7	De-activate REOC	REOC Manager	Logistics			
R.8	Hold debriefing sessions as appropriate	REMC	As required; SSRH (mental health) teams to facilitate			
R.9	Arrange for financial assistance from provincial/federal agencies as appropriate -identify financial assistance packages and requirements for completion; communicate information to residents involved	Finance/CAO's	EMPO; EMO-NS; Insurance Bureau			



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R.10	Identify costs of emergency response -Identify all costs incurred for response and pay out appropriately	CAO's	Municipal Staff			
R.11	Perform Incident Critique -formal report of incident compiled; lessons learned; gaps; meeting held to discuss report	REMC	Responders; All REOC personnel			
R.12	Revise Emergency Plan and Procedures as appropriate -incorporate lessons learned or gaps in resources into plans and procedures for future response	REMC	AEC's; CAO's; REMO Advisory			

**Regional Emergency Management Organization
Monthly Report
January 2019**

- AEC= Assistant Emergency Coordinator**
- DART-NS= Disaster Animal Response Team- Nova Scotia**
- DNR= Department Natural Resources**
- EMO= Emergency Management Organization**
- EMPIO= Emergency Management Public Information Officer**
- HRVA= Hazard Risk Vulnerability Assessment**
- MCCAP= Municipal Climate Change Adaptation Plan**
- NS-EMO= Nova Scotia Emergency Management Organization**
- PCC = Provincial Coordination Center (EMO-NS in Halifax)**
- REMC = Regional Emergency Management Coordinator**
- REMO= Regional Emergency Management Organization**
- REOC= Regional Emergency Operations Center**
- SA= Situational Awareness**
- SAREX = Search And Rescue Exercise (Coast Guard/DND)**
- SSRH= South Shore Regional Health**
- SSRSB= South Shore Regional School Board**
- TIR= Transportation Infrastructure Renewal**
- n/a= not applicable/not actioned**

Total Hours (63 hrs)	Date	Major Tasks	Issues/concerns
Response (29)	Jan. 7-9	Weather warnings received & distributed (snow & rain); situational awareness; twitter updates	Isolated flooded basements
	Jan. 17-20	Weather warnings received (snow, freezing rain, rain, winds Jan. 19-20) & redistributed; EMO-NS webinar; teleconference Jan. 20, reports to EMO-NS twitter updates; situational awareness	NSP & PCC activated; no local impacts
	Jan. 23-25	Weather warnings received & redistributed (heavy rainfall); twitter updates; situational awareness; contacted TIR re LaHave River watch (Ron Seney) report of potential ice jams	NSP & PCC activated; no local impacts

Scheduled Meetings (7)	Jan. 18	Advisory mtg. & follow-up	Budget approved
	Jan. 23	AEC meeting	Exercise plan reviewed
Liaison with First Responders & Emergency Partners (7)	Jan. 4	Budget drafted	
	Jan. 6	Conversation with Deputy REMC	Resignation accepted
	Jan. 16	Radio club meeting	Radio club to do 2 exercises in 2019
Reports (0)	N/A	N/A	
EMO-NS Liaison (7)	Jan. 22	EMO-NS Zone meeting	
Planning (13)	Jan. 11	Prep for community resiliency	
	Jan 12	Ppt for community meeting & agenda	
	Jan. 15	Mahone Bay meeting	Second meeting scheduled for Feb. 23

Heather MacKenzie-Carey; REMC

**Regional Emergency Management Organization
Monthly Report
February 2019**

**AEC= Assistant Emergency Coordinator
DART-NS= Disaster Animal Response Team- Nova Scotia
DNR= Department Natural Resources
EMO= Emergency Management Organization
EMPIO= Emergency Management Public Information Officer
HRVA= Hazard Risk Vulnerability Assessment
MCCAP= Municipal Climate Change Adaptation Plan
NS-EMO= Nova Scotia Emergency Management Organization
PCC = Provincial Coordination Center (EMO-NS in Halifax)
REMC = Regional Emergency Management Coordinator
REMO= Regional Emergency Management Organization
REOC= Regional Emergency Operations Center
SA= Situational Awareness
SAREX = Search And Rescue Exercise (Coast Guard/DND)
SSRH= South Shore Regional Health
SSRSB= South Shore Regional School Board
TIR= Transportation Infrastructure Renewal
n/a= not applicable/not actioned**

Total Hours (47 hrs)	Date	Major Tasks	Issues/concerns
Response (18)	Feb. 6-9	Weather warnings received & distributed (snow, freezing rain, rain); situational awareness; twitter updates	School closures, multiple MVCs on 103 & secondary
	Feb. 11	Reports & updates from NS-EMO via TIR;	LaHave ferry disabled with 8 passengers/4cars onboard; resolved after 5 hours; on REMO requests
	Feb. 12-13	Weather warnings received & redistributed (snow, ice pellets, rain, winds); twitter updates; situational awareness;	NSP & PCC activated; no local impacts
	Feb. 22	Weather warning received & redistributed (snow freezing rain, rain); twitter updates	
Scheduled Meetings (0)	NA	NA	

Liaison with First Responders & Emergency Partners (11)	Feb. 20	Radio Club meeting	Club wants involvement in Health exercise
	Feb. 26	NSHA exercise planning meeting; parade debriefing	Further planning required for exercise; Letter from transportation re parade changes; need for permits and planning versus costs
Reports (4)	Feb. 6	January Reports	
	Feb. 28	February Reports	
EMO-NS Liaison (0)	N/A	N/A	
Planning (14)	Feb. 15-17	EM Plan updating Section I	
	Feb. 23	Community Meeting Mahone Bay	

Heather MacKenzie-Carey; REMC