

## **EMERGENCY PLAN**

**For**

### **THE TOWN OF STEPHENVILLE AND ASSOCIATED BAY ST. GEORGE COMMUNITIES**

This plan is made under the authority of a Resolution of Council No. 07-307 passed on November 22, 2007 and the minutes ratified by Resolution of Council No. 07-309 passed on December 6, 2007

Mayor:

Town Clerk:

Approved by the Department of Municipal Affairs:

Date:

Minister:

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## GENERAL

The Town of Stephenville and associated Bay St. George Communities recognize their responsibility for planning to meet emergency situations which may endanger life or property in Bay St. George.

## AIM

The aim of this plan is to designate responsibilities and immediate action to be taken by certain individuals, municipal services, and voluntary agencies in an emergency.

## DEFINITIONS

Emergency - means a present or imminent event in respect of which the municipalities believe prompt coordination of action or regulation of person or property must be undertaken to protect property, the environment or the health, safety or welfare of the population.

Emergency Plan – means any plan, program or procedure prepared by the municipalities that is intended to mitigate the effects of an emergency or disaster and to provide for the safety, health or welfare of the population and the protection of property in the event of such an occurrence.

Bay St. George – means municipal and community councils who by resolution join this plan, and/or those designated by the Department of Municipal Affairs.

## AUTHORITY

This plan is authorized under:

- a. Province of Newfoundland Emergency Measures Act.

## I. IMPLEMENTATION

This plan may be put into effect following its approval by the Minister of Justice:

- a. When a state of civil disaster or a state of war emergency is declared under Section 8 of the Act, this plan, adopted by the Town of Stephenville and associated Bay St. George communities and approved by the Minister of Justice, may come into operation.
- b. When a disaster affecting Bay St. George occurs and a state of civil disaster has not been authorized under Section 8 of the Act, the Minister may, by order, authorize the Council to put into operation the plan adopted by the Council under Sub-section 1 of Section 7 of the Act.
- c. The Council of the Town of Stephenville shall exercise the powers and authority granted to it subject to the Act and regulations and to the direction and supervision of the Minister as the responding agency of the Bay St. George Emergency Plan.

## 2. DIRECTION AND CONTROL

### a. Composition of the Operations Control Group

The Council of the Town of Stephenville is responsible for control of all operations in cooperation with the Minister.

An Emergency Operations Control Group, through a controller appointed by the Council, under the direction of Council in cooperation with the Minister and the Emergency Measures Division, shall supervise and control officers, clerks, or other employees appointed by the Minister under the Act.

This Emergency Operations Control Group shall consist of the following:

- I.
  - i. The mayor or their alternate
  - ii. The police Chief or their alternate
  - iii. The Fire Chief or their alternate
  - iv. The Town Manager or their alternate – Controller
  - v. The Health Care Administrator, or their alternate
  - vi. The Administrator of Human Resources & Employment or their alternate
- II.
  - i. Mayors of the affected communities as designated by Emergency Operations Control Group.

b. Emergency Operations Centre

All disaster operations will be controlled and coordinated from the Emergency Operations Centre, which is located at 125 Carolina Avenue, Stephenville.

- i. The assembled Emergency Control Group will exercise overall control.

ii. Accommodation

The Council Chambers (E.O.C.) will accommodate ten (10) departmental heads utilizing the existing furniture. Town maps, marking boards, etc., are located in the Engineering and Town Manager's offices.

iii. Communications

(a) Radio – Those departments having portable radios are to bring them to the Communications Room which is located at the Emergency Control Centre.

- Police
- Fire
- Ambulance

(b) Telephone – E.O.C. to use lines installed by Newfoundland Telephone.

iv. Media Relations

Members of the press will be accommodated in the Conference Room.

v. Security/Access

- Security will be maintained by the Town staff on duty. All personnel are to sign-in at the Reception Desk. Infractions to be reported to the Controller in the E.O.C.
- Access shall be through the front entrance only. Side and rear entrances are not to be used for entry. Staff at the Reception Desk are provided with an up-to-date list of personnel permitted entry in event of emergency. Only those listed will be permitted entry.

vi. Parking

All personnel are to use the rear or side parking lots. No street parking.

### 3. RESPONSIBILITIES & POWERS OF EMERGENCY OPERATIONS CONTROL GROUP

- a. The Mayor, or his alternate if he is absent or incapacitated, shall, on the advice of the other members of the Emergency Operation Group, officially declare an emergency to exist and may, for the purpose of the plan, designate any area as an "Emergency Area".
- b. In the event of such a declaration, any of the following actions may be taken:
  - i. Evacuation of those buildings within the "Emergency Area" which are themselves considered dangerous or in which the occupants are considered to be in danger from some other sources.
  - ii. The selection of an assembly area at which additional manpower and equipment of all services will gather.
  - iii. Dispersal of groups of people not directly connected with the operations who by their presence are considered to be in danger, or whose presence hinders in any way the efficient functioning of the operation.
  - iv. Arrangement for accommodation and maintenance on a temporary basis of any residents who are in need of assistance due to displacement as a result of the emergency.
  - v. The calling out and employment of any municipal equipment and personnel.

- c. In addition to the above, the following actions may also be taken:
  - i. Requesting the assistance of personnel and equipment of voluntary and other agencies not under municipal control as may be required for emergency operations; e.g. St. John Ambulance Brigade, Red Cross, Salvation Army, Snowmobile Clubs, Ski Clubs, Local Industry, etc.
- d. If the implementation of all these actions is insufficient to control the emergency, then assistance may be requested from the Provincial Government. Where this assistance is outside of normal department and service working arrangements with municipalities, then the request should be made through the Emergency measures Organization to permit effective coordination of Provincial assistance. This channel should normally be used also when Federal assistance is requested, especially in the case of the Armed Forces assistance.
- e. The Mayor, or his alternate, on the advice of the Operations Control Group, shall declare the peacetime emergency terminated; and all agencies alerted shall be so informed as soon as possible.
- f. Emergency Alerting System
  - i. This plan will be implemented as soon as an emergency occurs as determined by the member of the Emergency Operations Control Group who receives the initial warning and/or arrives first on the scene of the emergency.



- ii. The member of the Emergency Operations Control Group will activate the alerting system (in whole or in part) by calling the Fire Department, identifying himself (giving all necessary pertinent information on the emergency), and requesting activation of the General Alert.
- iii. On receipt of an official request from a member of the Emergency Operations Control Group activating the Emergency Alerting System, the Fire Department will implement it in the approved order.

#### 4. RESPONSIBILITIES & FUNCTIONS OF THE POLICE SERVICE

- a. The responsibilities and functions of the Police Service in a peacetime emergency will be as follows:
  - i. Control and, if necessary, disperse crowds within the emergency.
  - ii. Control traffic where required to facilitate the movement of emergency vehicles both in and out of the emergency area.
  - iii. Ensure free movement of ambulances over routes to hospitals.
  - iv. Conduct the evacuation of buildings as authorized by the Control Group.
  - v. Arrange for the maintenance of law and order in any communal emergency welfare facility.

- vi. Ensure the protection of property against looting within the emergency area.

5. RESPONSIBILITIES & FUNCTIONS OF THE FIRE SERVICE

- a. The responsibilities and functions of the Fire Service in an peacetime emergency will be as follows:
  - i. Conduct all operations connected with the fighting of fires.
  - ii. Determine if additional special equipment or supplies will be required, and if so, make the necessary arrangements for procurement; eg. Air-packs, special protective clothing, etc.
  - iii. Provide equipment and manpower to assist in pumping operations.

6. RESPONSIBILITIES & FUNCTIONS OF PUBLIC UTILITIES

- a. The responsibilities and functions of the Public Utilities in a peacetime emergency will be as follows:
  - i. Discontinue public utilities services to any consumer where this is considered necessary in the interest of public safety.
  - ii. Provide alternate supplies of public utilities where necessary and practicable; eg. Emergency water supply, temporary power lines, etc.

- iii. Arrange with private utilities suppliers to discontinue service where this is considered necessary in the interest of public safety.
- iv. Bus transportation.

7. RESPONSIBILITIES & FUNCTIONS OF THE PUBLIC WORKS DEPARTMENT

- a. The responsibilities and functions of the Public Works Department in a peacetime emergency will be as follows:
  - i. Provide barricades and flashers at the site of the incident on receipt of the "Emergency Alert".
  - ii. Provide municipal vehicles and equipment together with operators as required.
  - iii. Carry out all snow clearing and removal operations where appropriate.
  - iv. Organize and procure equipment for pumping operations.
  - v. Arrange for demolition of unsafe buildings and excavation operations where required.
  - vi. Arrange for driver radio operator for Control vehicle if required.

8. RESPONSIBILITIES OF THE HEALTH CARE ADMINISTRATOR

- a. The responsibilities of the Health Care Administrator in a peacetime emergency will be as follows:
  - i. Arrange for the provision of first aid at the incident site.
  - ii. To inform the Public Health Director of possible assistance required.

9. RESPONSIBILITIES OF THE PROVINCIAL HEALTH DIRECTOR

- a. The responsibilities of the Provincial Health Director in a peacetime emergency will be as follows:
  - i. Provide resuscitation equipment and trained manpower when and where required.
  - ii. Arrange for dissemination of all special instructions to the population on matters concerning public health.
  - iii. Arrange for safe disposal of waste or potentially dangerous material.
  - iv. Arrange for mass immunization where required.
  - v. Ensure the potability of emergency water supplies for the municipality.

10. RESPONSIBILITIES OF THE ENGINEERING DEPARTMENT AND/OR CONSULTANT

- a. The responsibilities of the Engineering Department in a peacetime emergency will be as follows:

- i. Rule on the structural safety of all buildings and other structures during the incident.
- ii. Arrange for, or conduct, such tests as are necessary to determine the degree of hazard existing in buildings from explosive, inflammable or toxic agents, in conjunction with other agencies involved.
- iii. Arrange for the equipment and resources and manpower for the clearing of the site to effect rescue.

## 11. RESPONSIBILITIES OF HUMAN RESOURCES AND EMPLOYMENT (PROVINCIAL)

- a. The responsibilities of the Human Resources and Employment in a peacetime emergency will be as follows:
  - i. Provide social services assistance to any person in need of food, accommodation and clothing due to the emergency situation.
  - ii. Arrange for the opening, operation, direction and supervision of sufficient welfare centres required to provide the immediate emergency social services needed.
  - iii. Arrange for assistance from the volunteer agencies within the community to carry out the social services functions; eg. Salvation Army, Red Cross, Church Groups, Local Industry, etc.

12. RESPONSIBILITIES OF THE EMERGENCY MEASURES CONTROLLER

- a. The responsibilities of the Emergency Measures Controller in a peacetime emergency will be as follows:
  - i. Make arrangements for the provision of a control facility, either at the site of the emergency or elsewhere, to meet the requirements of the Emergency Operations Control Group to establish and maintain control of the situation.
  - ii. Make plans in advance so that the above facility:
    - has adequate communication;
    - has an assured source of power and lighting;
    - can operate on a 24-hour basis;
    - is provided with such supplies and equipment necessary for the efficient functioning of the facility.
  - iii. Serve as the controller of the Operations Control Facility.
  - iv. Develop in advance, where possible, an effective system for the gathering of factual information for the use of the Emergency Operations Control Group.
  - v. Have available for use in the Operations Control Facility up-to-date inventories of supplies and equipment which might be required in an emergency. These should indicate supplies, location and methods of procurement.

- vi. Arrange for the provision of any equipment, either locally or provincially, which may be required at the emergency site. This includes emergency power and lighting, communications, and rescue equipment.
- vii. Arrange in advance, where possible, for the establishment of a general information service to the public through the representatives of the news media.
- viii. Arrange for the establishment of a reporting and inquiry service to provide specific information regarding people who may be affected by the emergency.
- ix. Arrange for assistance from local organizations as necessary; eg. Amateur Radio Operators, Snowmobile Clubs, Ski Patrol Clubs, Citizen Band Radio Clubs, etc.
- x. Ensure that all agencies alerted are notified as soon as possible when the emergency has been terminated.

ANNEX "A"

GENERAL ALERT SYSTEM

All calls will open with the words "General Alert" and will give as much pertinent information as is available and necessary.

1. Activate Fire Department emergency procedure.
  
2. Alert
  - a. Police
  - b. Town Manager/Emergency Measures Controller
  - c. The Ambulance Service
  - d. The Mayor or alternate
  - e. Town Engineer or alternate
  - f. Hospital Administrator or alternate
  - g. Human Resources and Employment Administrator



EMERGENCY PRIORITIES

CATEGORY I (Rating 5)

- a. Blizzard or Massive Storm Page 17

CATEGORY II (Rating 4)

- a. Electric Power Black-out Page 19
- b. Flash Flood Page 21
- c. Freezing Ice Storm Page 23
- d. Major Water Main Break Page 25
- e. Plane Crash in Community Page 27
- f. River Flood Page 21
- g. Transportation- Water/Road Page 29
- h. Major Fire Page 33

CATEGORY III (Rating 3)

- a. Major Frost and Freeze Page 23
- b. Oil Spill Page

CATEGORY IV (Rating 2)

- a. Dangerous Commodities Accident Page 37
- b. Forest or Bush Fire Page 39
- c. Major Hail Storm Page 23
- d. Water Pollution Page 41
- e. Water Shortage Page 42

CATEGORY V (Rating 0)

- |    |               |         |
|----|---------------|---------|
| a. | Explosion     | Page 43 |
| b. | Construction  | Page 45 |
| c. | Earthquake    | Page 47 |
| d. | Mine Disaster | Page 49 |

The above list of priorities is established to determine the likelihood of an emergency. Rated from 0 to 5, 5 is considered more likely to happen.

The worst possible disaster would be a plane crash outside the Airport and within the Town.

**PEACETIME DISASTERS**

**TYPE 5**

**BLIZZARD OR MASSIVE STORM**

A. Possible Major Effects

1. Casualties
2. Deaths
3. Disruption of Community
4. Disruption of Utilities
5. Damage to Property
6. Disruption of Traffic
7. Disruption of Communications
8. Loss of Local Economic Activities

B. Potential Actions at the Scene

Agency Responsible

- |   |   |
|---|---|
| 1. Warning of Imminence                               | Meteorological services/CBC/Other<br>News Media |
| 2. Establish Emergency Headquarters                   | Municipal Government/EMO                        |
| 3. Establish adequate communications                  | Police/EMO                                      |
| 4. Define work area and establish a control perimeter | Police  |
| 5. Establish routes for emergency vehicles            | Police  |
| 6. Establish availability of all-terrain vehicles     | Police/EMO                                      |
| 7. Notify hospital to stand by for casualties         | Medical/Police                                  |
| 8. Rescue   | Fire/Police/Rescue Services/<br>Engineering     |
| 9. Eliminate hazards from damaged utilities           | Engineering/Utilities                           |
| 10. Establish news release system                     | Police/EMO                                      |
| 11. Establish snow clearing operation                 | Engineering                                     |
| 12. Establish welfare facilities                      | Welfare/Volunteer Agencies                      |

**PEACETIME DISASTERS – BLIZZARD OR MASSIVE STORM CONT'D**

C.	<u>Equipment</u>	<u>Source</u>
1.	Road clearing equipment	Engineering
2.	Rescue Equipment	Police/EMO
3.	Fire Equipment	Fire Department
4.	Emergency Feeding & Lodging	Welfare Services

## PEACETIME DISASTERS

### TYPE 2

### POWER FAILURE

#### A. Possible Major Effects

1. Casualties – indirect effects due to lack of power
2. Deaths – as above
3. Panic – real danger in crowded areas
4. Disruption of traffic
5. Disruption of utilities
6. Trapped persons

#### B. Potential Actions at the Scene

#### Agency Responsible

- |   |                            |
|---|----------------------------|
| 1. Establish a headquarters for restoration of power                  | Power Authorities          |
| 2. Establish a headquarters for emergency services to community       | Local Government/EMO       |
| 3. Restore power  | Power Authorities          |
| 4. Establish a priority for essential requirements                    | Local Government/EMO       |
| 5. Control the allocation of auxiliary power                          | Power Authorities/EMO      |
| 6. Establish a news release system and keep population informed       | Power Company Authorities  |
| 7. Establish traffic control  | Police                     |
| 8. Protection of property by requesting assistance in law enforcement | Police                     |
| 9. Establish special assistance to aged, infirm & home patients       | Health and Welfare         |
| 10. Establish and inquiry service                                     | Welfare/Volunteer Agencies |
| 11. Establish adequate emergency communications                       | Telephone/Radio Facilities |
| 12. Organize an emergency transportation pool                         | Engineering/EMO            |

## **PEACETIME DISASTERS – POWER FAILURE CONT'D**

- |                            |   |   |
|----------------------------|---|---|
| 13.                        | Ascertain the status of water and food & arrange distribution | Health/Welfare/EMO                              |
| 14.                        | Release trapped persons in electrically-operated devices      | Specialist                                      |
| 15.                        | Assess danger to public health and provide emergency services | Health  |
| <b>C. <u>Equipment</u></b> |   |   |
| 1.                         | Auxiliary power   | Engineering Dept/Any other source of supply     |
| 2.                         | Auxiliary heaters   | Engineering Dept/Any other source of supply     |
| 3.                         | Mobile public address eqpt.                                   | Police/EMO                                      |
| 4.                         | Auxiliary lighting  | Engineering/Police/Fire Department/Stores/ etc. |
| 5.                         | Emergency lodging & feeding                                   | Welfare/Voluntary organizations                 |

## PEACETIME DISASTERS

### TYPE 2

### FLOOD

#### A. Possible Major Effects

1. Disruption of the community
2. Damage to the property
3. Contamination of normal water supplies
4. Casualties
5. Evacuation of the population
6. Dangers to public health
7. Loss of local economic activities

#### B. Potential Actions at the Scene

#### Agency Responsible

- |   |   |
|---|---|
| 1. Warning of imminence:                                    | Provincial Flood Authority                                    |
| a. long term  | Police/EMO  |
| b. short term   | Municipal/Meteorological Services                             |
| 2. Establish an emergency headquarters                      | Province/ EMO   |
| 3. Mobilize necessary manpower and equipment                | Province/Canada Manpower Centers                              |
| 4. Establish adequate communications                        | Police/EMO  |
| 5. Establish jurisdiction                                   | Government  |
| 6. Establish traffic control                                | Police  |
| 7. Establish dyking as required                             | Engineering   |
| 8. Check stocks of sand & sandbags                          | Engineering   |
| 9. Eliminate hazards of damaged utilities                   | Engineering/Utilities   |
| 10. Protect property and relocate resources where necessary | Police/Industry   |
| 11. Establish emergency welfare services                    | Emergency welfare services                                    |
| 12. Evacuation of personnel, livestock, etc.                | Emergency welfare services/<br>Volunteer agencies/Agriculture |
| 13. Storage of furnishings & equipment                      | Province/EMO  |

## **PEACETIME DISASTERS – FLOOD CONT'D**

14.	Establish a news release system	Province/Municipality
15.	Set up an inquiry service	Welfare/Volunteer agencies
16.	Establish emergency health facilities	Emergency health services
C.	<u>Equipment</u>	<u>Source</u>
1.	Transportation	Road/Air authorities
2.	Communication equipment	Province/Police/EMO
3.	Dyking equipment	Engineering/Industry
4.	Heavy eqpt. (bulldozers, etc.)	Engineering/Industry
5.	Auxiliary lighting equipment	Engineering/Utilities
6.	Auxiliary power facilities	Engineering/Utilities
7.	Medical & health supplies	Emergency health services
8.	Food and lodging	Emergency welfare services
9.	Pumps	Engineering Department
10.	Storage facilities for equipment, furnishings and livestock	Province
11.	Mobile public address equipment	Police/Fire/EMO/Radio Station



**PEACETIME DISASTERS**

**TYPE 2 (3) [4]**

**FREEZING ICE STORM – (Major frost and freeze) [Major hail storm]**

A. Possible Major Effects

1. Casualties
2. Deaths
3. Disruption of community
4. Disruption of utilities
5. Damage to property
6. Disruption of traffic
7. Disruption of communications

B. Potential Actions at the Scene

Agency Responsible

- |  |   |
|--|---|
| 1. Warning of imminence                                      | Meteorological service/CBC/Other news media |
| 2. Establish an emergency headquarters                       | Municipal Government/ EMO                   |
| 3. Establish adequate communications                         | Police/EMO                                  |
| 4. Define a working area & establish A control perimeter     | Police                                      |
| 5. Establish routes for emergency vehicles                   | Police                                      |
| 6. Notify hospitals of casualties, Including number and type | Medical/Police                              |
| 7. Rescue  | Fire/Police/Rescue services                 |
| 8. Establish a temporary morgue                              | Police                                      |
| 9. Eliminate hazards from damaged utilities                  | Engineering/Utilities                       |
| 10. Establish a news release system                          | Police/EMO                                  |
| 11. Protection of property                                   | Police                                      |
| 12. Establish emergency welfare Services                     | Welfare/Volunteer agencies                  |

**PEACETIME DISASTERS – FREEZING ICE STORM CONT'D**

- |     |                              |                       |
|-----|------------------------------|-----------------------|
| 13. | Establish an inquiry service | Welfare               |
| 14. | Provide auxiliary power      | Engineering/Utilities |
| 15. | Clear debris                 | Engineering           |

C. Equipment

- |    |                             |                               |
|----|-----------------------------|-------------------------------|
| 1. | Rescue equipment            | Police/EMO                    |
| 2. | Fire equipment              | Fire department               |
| 3. | Ambulances                  | Medical/Transportation/Police |
| 4. | Road clearing equipment     | Engineering                   |
| 5. | Barricades                  | Engineering                   |
| 6. | Auxiliary generators        | Various sources               |
| 7. | Mobile public address eqpt. | Police/EMO/Radio Stations     |
| 8. | Welfare equipment           | Welfare                       |

**PEACETIME DISASTERS**

**TYPE 4**

**MAJOR WATERMAIN BREAK**

A. Possible Major Effects

1. Loss of normal water supplies
2. Disruption of the community
3. Damage to property
4. Dangers to public health

B. Potential Actions at the Scene

Agency Responsible

- |  |  |
|--|--|
| 1. Establish and emergency headquarters                    | Province/EMO   |
| 2. Mobilize necessary manpower and equipment               | Province/Human Resources   |
| 3. Establish jurisdiction                                  | Government   |
| 4. Eliminate hazards of damaged utilities                  | Engineering/Utilities  |
| 5. Protect property and relocate Resources where necessary | Police/Industry  |
| 6. Establish emergency welfare service                     | Emergency Welfare Services   |
| 7. Evaluation of personnel, livestock                      | Emergency Welfare Services/<br>Volunteer Agencies/Agriculture        |
| 8. Establish source of water & rations                     | Emergency Welfare Services/<br>Engineering/Emergency Health Services |
| 9. Establish emergency health facilities                   | Emergency Health Services  |
| 10. Establish a news release system                        | Province/Municipality  |
| 11. Set up an inquiry service                              | Welfare/Volunteer Agencies   |

C. Equipment

Source

- |                       |                       |
|-----------------------|-----------------------|
| 1. Heavy equipment    | Engineering/Industry  |
| 2. Watermain supplies | Engineering/Suppliers |

**PEACETIME DISASTERS – MAJOR WATERMAIN BREAK CONT'D**

- |    |                                   |  |
|----|-----------------------------------|--|
| 3. | Medical and health supplies       | Emergency Health Services  |
| 4. | Water supply                      | Emergency Welfare Services   |
| 5. | Pumps                             | Engineering/Industry   |
| 6. | Mobile public address eqpt.       | Police/Fire/EMO/Radio Station                                      |
| 7. | Transportation vehicles for water | Engineering/Industry/Volunteer Agencies/Emergency Welfare Services |

**PEACETIME DISASTERS**

**TYPE 2**

**AIRCRAFT CRASH (URBAN)  
OUTSIDE OF AIRPORT**

A. Possible Major Effects

1. Casualties
2. Deaths
3. Fire
4. Explosion
5. Damage to property
6. Nuclear cargo problems
7. International implications
8. Special cargo problems
9. Sudden hospital requirements
10. Disruption of traffic and communications
11. Disruption of utilities

B. Potential Actions at the Scene

Agency Responsible

- |   |                            |
|---|----------------------------|
| 1. Establish an emergency headquarters                      | Local Government/EMO       |
| 2. Establish adequate communications                        | Police/EMO                 |
| 3. Define a working area and establish a control perimeter  | Police                     |
| 4. Secure disaster scene for subsequent investigation       | Police                     |
| 5. Rescue and fire fighting                                 | Fire Dept./Rescue Services |
| 6. Establish routes for emergency vehicles                  | Police                     |
| 7. Notify hospitals of casualties including number and type | Medical/Police             |
| 8. Establish temporary morgue                               | Police                     |
| 9. Disposition of nuclear or special cargoes                | Police/Industry            |

## **PEACETIME DISASTERS – AIRCRAFT CRASH CONT'D**

- |     |  |  |
|-----|--|--|
| 10. | Establish traffic control                                | Police                                   |
| 11. | Establish crowd control                                  | Police                                   |
| 12. | Eliminate hazards from damaged utilities                 | Engineering/Utilities                    |
| 13. | Protect property and valuables                           | Police                                   |
| 14. | Establish a news release system                          | Airline authorities (if commercial plan) |
| 15. | Set up an inquiry service                                | Welfare                                  |
| 16. | Notify Transport Canada Flight Service Station, 643-4792 | Transport Canada                         |

### C. Equipment

- |    |                                |                               |
|----|--------------------------------|-------------------------------|
| 1. | Fire fighting and rescue eqpt. | Police                        |
| 2. | Ambulances                     | Medical/Police                |
| 3. | Communication equipment        | Police/EMO                    |
| 4. | Auxiliary lighting             | Engineering/Utilities         |
| 5. | Barricades                     | Engineering                   |
| 6. | Mobile public address eqpt.    | Police/Fire/EMO/Radio Station |

## PEACETIME DISASTERS

### TYPE 2

### TRANSPORTATION – WATER AT SEA OR ADJACENT TO LAND

#### A. Possible Major Effects

1. Casualties
2. Deaths
3. Fire/Explosion
4. Panic
5. Disruption of shipping traffic in a narrow channel
6. Property damage if in harbour
7. Hazardous cargo
8. Oil spill

#### B. Potential Actions at the Scene

#### Agency Responsible

- |  |  |
|--|--|
| 1. Establish an emergency headquarters   | Coast Guard/Port Authority/<br>St. Lawrence Seaway Authority |
| 2. Establish adequate communications   | Police   |
| 3. Organize & direct search & rescue   | Coast Guard/Armed Forces/<br>Port Authority                  |
| 4. Determine cargo   | Port Authority   |
| 5. Organize a short-based reception centre to include: welfare services, ambulances, medical staff, temporary morgue | Welfare/Health/Immigration                                   |
| 6. Notify hospitals of casualties including number and type  | Medical/Police/Coast Guard                                   |
| 7. Define a working area and establish a control perimeter   | Police   |
| 8. Establish routes for emergency vehicles   | Police   |
| 9. Establish traffic control   | Police   |
| 10. Establish a news release system  | Port Authority/EMO   |

## **PEACETIME DISASTERS – TRANSPORTATION, WATER CONT'D**

- |     |  |                            |
|-----|--|----------------------------|
| 11. | Set up an inquiry service  | Welfare/Volunteer Agencies |
| 12. | Determine responsibilities of:<br>National Harbours Board, D.O.T.,<br>Coast Guard Service, Armed<br>Forces, & Rescue Provinces, etc. | Agencies Involved/EMO      |

### C. Equipment

- |    |  |                        |
|----|--|------------------------|
| 1. | Air/Sea Rescue equipment as<br>provided by Coast Guard, D.O.T.,<br>RCMP, Police, Armed Forces        | All Agencies Involved  |
| 2. | Special equipment may be<br>required if radioactive material<br>or other hazardous cargo is involved | Supplier/EMO           |
| 3. | Limited medical supplies at<br>reception centre  | Medical                |
| 4. | Fire fighting equipment  | Fire Department        |
| 5. | Communication equipment  | Agency Involved/EMO    |
| 6. | Barricades   | Engineering Department |
| 7. | Mobile public address eqpt.  | Police/Fire/EMO        |



## PEACETIME DISASTERS

### TYPE 2

### TRANSPORTATION – ROAD/BUS

#### A. Possible Major Effects

1. Casualties
2. Deaths
3. Fire/Explosion
4. Trapped
5. Disruption of traffic

#### B. Potential Actions at the Scene

#### Agency Responsible

- |  |                     |
|--|---------------------|
| 1. Establish an emergency headquarters   | Police/EMO          |
| 2. Establish adequate communications   | Police/EMO          |
| 3. Request additional police assistance  | Police              |
| 4. Establish routes for emergency vehicles   | Police              |
| 5. Request doctors, ambulances, wreckers, fire truck & heavy equipment as required                         | Police              |
| 6. Notify hospitals of casualties including number and type  | Medical/Police      |
| 7. Define a working area and establish a control perimeter   | Police              |
| 8. Establish temporary morgue if required  | Police              |
| 9. Special precautions needed when radioactive container or dangerous gases, chemicals, etc., are involved | Police/Industry/EHS |
| 10. Establish a news release system  | Police/EMO          |

**PEACETIME DISASTERS – TRANSPORTATION ROAD/BUS CONT'D**

C. <u>Equipment</u>	<u>Source</u>
1. Wrecker/tower equipped with cutting torches	Police/Engineering
2. Fire fighting equipment	Fire Department
3. Barricades to control traffic	Engineering Department
4. Radio test equipment if accident Involves radioactive material	Industry/EHS/EMO
5. Test equipment for dangerous gases where applicable	Industry/Fire/EMO/EHS

## PEACETIME DISASTERS

### TYPE 2

### FIRE – URBAN (MAJOR)

#### A. Possible Major Effects

1. Casualties
2. Deaths
3. Fire
4. Damage to property
5. Sudden hospital requirements
6. Disruption of traffic & communications
7. Explosions and other hazards
8. Collapse of buildings
9. Disruption of utilities
10. Evacuation

#### B. Potential Actions at the Scene

#### Agency Responsible

- |   |                            |
|---|----------------------------|
| 1. Establish an emergency headquarters                      | Local Government/ EMO      |
| 2. Establish adequate communications                        | Police/Fire/EMO            |
| 3. Define a working area and establish a control perimeter  | Police                     |
| 4. Secure disaster scene for subsequent investigation       | Police                     |
| 5. Rescue and fire fighting                                 | Fire Dept./Rescue Services |
| 6. Control panic in fire fighting area                      | Police                     |
| 7. Establish routes for emergency vehicles                  | Police                     |
| 8. Notify hospitals of casualties including number and type | Medical/Police             |
| 9. Establish temporary morgue if required                   | Police                     |
| 10. Establish traffic control                               | Police                     |
| 11. Establish crowd control                                 | Police                     |
| 12. Eliminate hazards from damaged utilities                | Engineering/Utilities      |

**PEACETIME DISASTERS – FIRE – URBAN (MAJOR) CONT'D**

- |     |                                 |                              |
|-----|---------------------------------|------------------------------|
| 13. | Warning of spread of fire       | Police/News Media            |
| 14. | Establish a news release system | Local Government Authorities |
| 15. | Set up an inquiry service       | Emergency Welfare Service    |
| 16. | Establish a welfare service     | Emergency Welfare Service    |

C. Equipment

- |    |                                |                                  |
|----|--------------------------------|----------------------------------|
| 1. | Fire fighting and rescue eqpt. | Fire Department                  |
| 2. | Ambulances                     | Private/Hospitals                |
| 3. | Water tankers                  | Engineering                      |
| 4. | Relay pumps                    | Engineering                      |
| 5. | Communications equipment       | Fire Dept./Police/EMO            |
| 6. | Auxiliary lighting             | Engineering/Utilities/Fire Dept. |
| 7. | Blankets and food              | Emergency Welfare Service        |
| 8. | Mobile public address eqpt.    | Police/Fire/EMO                  |

## PEACETIME DISASTERS

### TYPE 4

### FIRE – RURAL - MAJOR (Fire could last two days plus)

#### A. Possible Major Effects

1. Casualties
2. Deaths
3. Fire
4. Damage to property
5. Disruption of traffic and communications
6. Disruption of utilities

#### B. Potential Actions at the Scene

#### Agency Responsible

- |   |  |
|---|--|
| 1. Establish an emergency headquarters                                    | Province/EMO                           |
| 2. Establish adequate communications                                      | Telephone Company/EMO                  |
| 3. Define a working area & establish a control perimeter                  | Police                                 |
| 4. Rescue & fire fighting, including fire breaks                          | Fire Dept./Rescue Services/Engineering |
| 5. Establish proper jurisdiction  | Provincial Government                  |
| 6. Notify hospitals of casualties, including number and type              | Medical/Police                         |
| 7. Warn and mobilize required Additional service personnel                | Province                               |
| 8. Warning of spread of fire  | Police/News Media                      |
| 9. Establish a news release system  | Local Government Authorities           |
| 10. Set up an inquiry service   | Welfare                                |
| 11. Establish welfare service   | Emergency Welfare Services             |
| 12. Make decision regarding evacuation of community                       | Municipal Authority/Police             |
| 13. Determine need and make arrangements for supplementary water supplies | Fire Dept./Transportation Agencies     |

**PEACETIME DISASTERS – FIRE – RURAL – MAJOR CONT'D**

14.	Establish traffic control	Police
15.	Establish volunteer registration control	Volunteer Agencies/EMO
16.	Eliminate hazards from damaged utilities	Engineering/Utilities
C.	<u>Equipment</u>	<u>Source</u>
1.	Fire fighting & rescue eqpt. (normal & supplementary)	Fire Dept./Provincial Government
2.	Water tankers	Fire/Industry
3.	Relay pumps	Engineering
4.	Communication equipment	Fire Dept./Police/EMO
5.	Auxiliary lighting	Engineering
6.	Blankets and food	Welfare/Volunteer Agencies
7.	Medical supplies	Emergency Health Services
8.	Mobile public address eqpt.	Police/Fire/EMO

## PEACETIME DISASTERS

### TYPE 4

### DANGEROUS COMMODITIES

#### A. Possible Major Effects

1. Casualties
2. Deaths
3. Tendency of people to disperse
4. Disruption of traffic
5. Explosions and fire
6. Hazards to humans and livestock
7. Disruption of business and industrial activities
8. Evacuation

#### B. Potential Actions at the Scene

#### Agency Responsible

- |   |                              |
|---|------------------------------|
| 1. Establish an emergency headquarters                                    | Local Government/EMO         |
| 2. Establish adequate communications                                      | Police/Fire/EMO              |
| 3. Rescue and fire fighting   | Fire Dept./Rescue Services   |
| 4. Determine nature and effects of the gas                                | Police/Medical/Industry      |
| 5. Warn adjacent areas & define areas of risk                             | Police                       |
| 6. Evacuate area  | Police                       |
| 7. Eliminate further escape of gas  | Engineering/Industry         |
| 8. Notify hospitals of casualties, including number and type              | Medical/Police               |
| 9. Establish temporary morgue   | Police                       |
| 10. Establish a news release system, including instructions to the public | Local Government Authorities |
| 11. Establish welfare service   | Welfare                      |
| 12. Establish traffic control   | Police                       |
| 13. Establish evacuation routes   | Police/EMO                   |
| 14. Set up an inquiry service   | Welfare                      |

**PEACETIME DISASTERS – DANGEROUS COMMODITIES CONT'D**

<u>C.</u>	<u>Equipment</u>	<u>Source</u>
1.	Ambulances	Medical/Police
2.	Fire fighting & rescue equipment including respirators & resuscitators	Fire/Police/Rescue Services
3.	Communication equipment	Police/EMO
4.	Decontaminating equipment	Industry/Fire/EMO
5.	Mobile public address equipment	Fire Dept./Police/EMO
6.	Barricades	Engineering
7.	Anti-gas clothing if necessary	Rescue Services/Police/Fire
8.	Emergency feeding facilities	Welfare
9.	Special equipment associated with type of hazard	Supplier



**PEACETIME DISASTERS**

**TYPE 4**

**FOREST FIRE – (Major & in remote areas)**

A. Possible Major Effects

1. Casualties from fire or smoke
2. Deaths
3. Damage to property
4. Disruption of traffic & communications
5. Disruption of utilities (power lines, etc.)
6. Losses to local economy

B. Potential Actions at the Scene

Agency Responsible

- |  |   |
|--|---|
| 1. Establish an emergency headquarters                       | Province/Lands & Forests                |
| 2. Control traffic & access routes                           | Police/Lands & Forests                  |
| 3. Recruit fire fighters                                     | Province/Police/Human Resources         |
| 4. Fire fighting   | Province/Forest Industry                |
| 5. Rescue  | Rescue Services                         |
| 6. Establish emergency communications                        | Province                                |
| 7. Establish water points                                    | Province/Lands & Forests                |
| 8. Establish transportation requirements and obtain vehicles | Road/Rail/Air                           |
| 9. Warning of spread of fire                                 | Lands & Forests/News Media/<br>Province |
| 10. Establish a news release system                          | Lands & Forests/Police/EMO              |
| 11. Establish welfare services                               | Welfare Agencies                        |
| 12. Establish first aid posts                                | Lands & Forests/Medical                 |

## **PEACETIME DISASTERS – FOREST FIRE CONT'D**

<u>C.</u>	<u>Equipment</u>	<u>Source</u>
1.	Light portable fire fighting eqpt.	Lands & Forests
2.	Water bombers	Province
3.	Bulldozers	Province/Industry
4.	Tankers	Province/Industry
5.	Power saws, shovels, axes, back tanks & other hand tools for fire suppression	Province/Industry
6.	Establish emergency welfare service	Welfare
7.	Communication equipment	Province/Industry/EMO
8.	First aid kits	Emergency Health Services

## PEACETIME DISASTERS

### TYPE 2

### WATER POLLUTION

#### A. Possible Major Effects

1. Loss of normal water supplies
2. Disruption of the community
3. Damage to property
4. Dangers to public health

#### B. Potential Actions at the Scene

#### Agency Responsible

- |  |  |
|--|--|
| 1. Establish an emergency headquarters                   | Province/EMO   |
| 2. Mobilize necessary manpower and equipment             | Province/Human Resources   |
| 3. Establish jurisdiction                                | Government   |
| 4. Eliminate hazards of damaged utilities                | Engineering/Utilities  |
| 5. Protect property & relocate resources where necessary | Police/Industry  |
| 6. Establish emergency welfare services                  | Emergency Welfare Services   |
| 7. Evaluation of personnel, livestock                    | Emergency Welfare Services/<br>Volunteer Agencies/Agriculture        |
| 8. Establish source of water & rations                   | Emergency Welfare Services/<br>Engineering/Emergency Health Services |
| 9. Establish emergency health facilities                 | Emergency Health Services  |
| 10. Establish a news release system                      | Province/Municipality  |
| 11. Set up an inquiry service                            | Welfare/Volunteer Agencies   |

#### C. Equipment

#### Source

- |                                      |   |
|--------------------------------------|---|
| 1. Heavy equipment                   | Engineering/Industry  |
| 2. Pollution Control                 | Province  |
| 3. Transportation vehicles for water | Engineering/Industry/Volunteer<br>Agencies/Emergency Welfare Services |

## PEACETIME DISASTERS

### TYPE 2

### WATER SHORTAGE

#### A. Possible Major Effects

1. Loss of normal water supplies
2. Disruption of the community
3. Damage to property
4. Dangers to public health

#### B. Potential Actions at the Scene

#### Agency Responsible

- |  |   |
|--|---|
| 1. Establish an emergency headquarters                                       | Province/EMO  |
| 2. Mobilize necessary manpower and equipment                                 | Province/Human Resources  |
| 3. Establish jurisdiction  | Government  |
| 4. Eliminate hazards of damaged utilities                                    | Engineering/Utilities   |
| 5. Protect property & relocate resources where necessary                     | Police/Industry   |
| 6. Establish emergency welfare services                                      | Emergency Welfare Services  |
| 7. Evaluation of personnel, livestock<br>Establish source of water & rations | Emergency Welfare Services/<br>Emergency Welfare Services/<br>Engineering/Emergency Health Services |
| 8. Establish source of water & rations                                       | Emergency Welfare Services/<br>Engineering/Emergency Health Services                                |
| 9. Establish emergency health facilities                                     | Emergency Health Services   |
| 10. Establish a news release system  | Province/Municipality   |
| 11. Set up an inquiry service  | Welfare/Volunteer Agencies  |

#### C. Equipment

#### Source

- |                                      |  |
|--------------------------------------|--|
| 1. Transportation vehicles for water | Engineering/Industry Volunteer<br>Agencies/Emergency Welfare<br>Services |
|--------------------------------------|--|

## PEACETIME DISASTERS

### TYPE 0

### EXPLOSION

#### A. Possible Major Effects

1. Casualties
2. Deaths
3. Panic
4. Property damage
5. Fires
6. Release of dangerous gases, chemicals, etc.
7. Disruption of traffic
8. Disruption of utilities

#### B. Potential Actions at the Scene

#### Agency Responsible

- |   |                            |
|---|----------------------------|
| 1. Establish an emergency headquarters                        | Local Government/EMO       |
| 2. Establish adequate communications                          | Police/Fire/EMO            |
| 3. Rescue and fire fighting                                   | Fire Dept./Rescue Services |
| 4. Protection of property                                     | Police                     |
| 5. Define a working area and establish a control perimeter    | Police                     |
| 6. Eliminate hazards to public utilities                      | Engineering/Utilities      |
| 7. Establish routes for emergency vehicles                    | Police                     |
| 8. Notify hospitals of casualties, including number and type  | Medical/Police             |
| 9. Establish temporary morgue                                 | Police                     |
| 10. Establish traffic control                                 | Police                     |
| 11. Establish crowd control                                   | Police                     |
| 12. Arrange for specialists to deal With hazardous substances | Police/EMO/Fire            |
| 13. Estimate possible further hazards                         | Specialists                |

## PEACETIME DISASTERS – EXPLOSION CONT'D

14.	Establish welfare services	Welfare/Volunteer Agencies
15.	Establish a news release system	Owner of property
16.	Set up an inquiry service	Welfare
C.	<u>Equipment</u>	<u>Source</u>
1.	Ambulances	Medical/Ambulance Service
2.	Fire fighting and rescue	Fire Department
3.	Communication equipment	Police/Fire/EMO
4.	Auxiliary lighting	Police/Fire/EMO
5.	Barricades	Engineering
6.	Eqpt. To repair public utilities	Engineering/Utilities
7.	Special equipment associated with type of hazard	Supplier
8.	Emergency feeding facilities	Welfare

## PEACETIME DISASTERS

### TYPE 0

### CONSTRUCTION

#### A. Possible Major Effects

1. Casualties
2. Deaths
3. Trapped
4. Disruption of traffic
5. Disruption of utilities

#### B. Potential Actions at the Scene

#### Agency Responsible

- |  |  |
|--|--|
| 1. Establish an emergency headquarters                       | Local Government/EMO                   |
| 2. Establish adequate communications                         | Police/EMO                             |
| 3. Rescue  | Contractor/Fire/Rescue Services        |
| 4. Notify hospitals of casualties, including number and type | Medical/Police                         |
| 5. Define a working area and establish a control perimeter   | Police                                 |
| 6. Eliminate traffic control                                 | Police                                 |
| 7. Provide emergency lighting if Required                    | Police/Engineering Dept./Utilities/EMO |
| 8. Eliminate hazards from damaged Utilities                  | Engineering/Utilities                  |
| 9. Establish welfare services                                | Welfare                                |
| 10. Establish news release system                            | Construction Company Authorities       |
| 11. Set up an inquiry service                                | Welfare                                |

#### C. Equipment

#### Source

- |                            |                      |
|----------------------------|----------------------|
| 1. Rescue equipment        | Fire/Engineering/EMO |
| 2. Ambulances              | Medical/Police       |
| 3. Communication equipment | Police/EMO           |

**PEACETIME DISASTERS – CONSTRUCTION CONT'D**

- |    |                                 |                       |
|----|---------------------------------|-----------------------|
| 4. | Auxiliary lighting              | Engineering/Utilities |
| 5. | Mobile public address equipment | Police/EMO            |
| 6. | Power cranes                    | Contractors           |
| 7. | Welfare equipment               | Welfare               |
| 8. | Barricades                      | Engineering           |



## PEACETIME DISASTERS

### TYPE 0

### EARTHQUAKE

#### A. Possible Major Effects

1. Casualties
2. Deaths
3. Trapped
4. Damage to property
5. Material damage – roads & bridges, utilities, buildings
6. Fires, explosions and fire hazards
7. Escape of gases
8. Flooding
9. Slides and/or seismic waves
10. Panic
11. Dangers to public health
12. Evacuation of population and livestock
13. Jurisdictional problems

#### B. Potential Actions at the Scene

#### Agency Responsible

- |   |                                  |
|---|----------------------------------|
| 1. Establish an emergency headquarters                      | Local Government/EMO             |
| 2. Mobilize necessary manpower and equipment                | Local Government/Human Resources |
| 3. Request outside assistance, including military           | Local Government                 |
| 4. Rescue   | Police/Fire/Rescue Services      |
| 5. Establish adequate communication (internal and external) | Police/EMO                       |
| 6. Establish medical facilities                             | Emergency Health Services        |
| 7. Establish emergency welfare services                     | Emergency Welfare Services       |
| 8. Establish temporary morgue                               | Police                           |

## **PEACETIME DISASTERS – EARTHQUAKE CONT'D**

9.	Establish control of population	Police
10.	Coordination & administration of incoming aid	Local Government
11.	Establish a news release system, including instructions to the public	Province/EMO
12.	Set up an inquiry service	Emergency Welfare Services/ Volunteer Agencies
13.	Eliminate hazards from damaged utilities	Engineering/Utilities
14.	Establish salvage operations of essential items, if necessary	Police
C.	<u>Equipment</u>	<u>Source</u>
1.	Transportation vehicles	Road/Rail/Air Authorities
2.	Rescue equipment, all types	All Agencies
3.	Public service mtce. vehicles	Engineering/Utilities
4.	Mobile generators, lighting and communications equipment	Province/Fire/EMO
5.	Medical units and supplies	Emergency Health Services
6.	Emergency feeding facilities	Welfare
7.	Piping for emergency repairs to water & sewer facilities	Engineering/Industry
8.	Tank cars for potable water supplies	Utilities/Railways
9.	Mobile public address equipment	Police/Fire/EMO/Radio Stations

## PEACETIME DISASTERS

### TYPE 0

### MINE DISASTER

#### A. Possible Major Effects

1. Casualties
2. Deaths
3. Trapped or buried alive
4. Fires, explosions, lethal gases, lack of oxygen
5. Loss to local economy
6. Permanent closure of mine

#### B. Potential Actions at the Scene

#### Agency Responsible

- |  |   |
|--|---|
| 1. Establish an emergency headquarters                               | Mine Authorities/EMO                        |
| 2. Establish number of missing                                       | Mine Authorities                            |
| 3. Organize & direct mine rescue teams                               | Mine Authorities/Rescue Services            |
| 4. Request medical assistance and ambulance service                  | Mine Authorities                            |
| 5. Define a working area & establish a control perimeter             | Police                                      |
| 6. Establish traffic & crowd control                                 | Police                                      |
| 7. Welfare facilities for families and rescue teams                  | Welfare/Volunteer Agencies                  |
| 8. Notify hospitals of casualties including number and type          | Medical/Police                              |
| 9. Establish a news release system & arrange briefing for dependents | Mine authorities/Police/EMO                 |
| 10. Establish a temporary morgue                                     | Police                                      |
| 11. Establish routes for emergency vehicles                          | Police                                      |
| 12. Establish an inquiry service                                     | Mine Authorities/Welfare/Volunteer Agencies |

**PEACETIME DISASTERS – MINE DISASTER CONT'D**

<u>C. Equipment</u>	<u>Source</u>
1. Mine rescue equipment	Mine Authorities/Police/Fire Dept.
2. Drilling equipment for shafting	Drilling companies
3. Auxiliary lighting	Police/Fire Dept./EMO
4. Communications equipment for rescue team	Fire Department/EMO
5. Barricades	Engineering
6. Emergency feeding & lodging	Emergency Welfare Services
7. Clothing	Emergency Welfare Services
8. Specialist manpower	Drilling Companies/Other Mines/ Human Resources
9. Ambulances	Medical/Transportation/Police

