

## **Section 2: Disaster Preparedness and Hazard Mitigation**

### **Community and Individual Readiness**

For information on how individuals and families can prepare for emergencies:

\*Contact the American Red Cross to obtain First Aid Manuals and Training Materials for Individuals and Communities.

[www.redcross.org](http://www.redcross.org) or Kenai Peninsula Office: (907) 283-4556

\*Visit the Federal Emergency Management Agency (FEMA) website for family/ personal preparedness brochures: [www.fema.gov](http://www.fema.gov)

\*Visit the Kenai Peninsula Borough Office of Emergency Management "Be Prepared" website at <http://www.borough.kenai.ak.us/emergency/prepared/emergency.htm>

### **City Of Seward All Hazard Mitigation Plan**

The Kenai Peninsula Borough has developed an All-Hazard Mitigation Plan to fulfill the FEMA requirement under The Robert T. Stafford Disaster Relief and Emergency Assistance Act (the Act), Section 322, Mitigation Planning enacted by Section 104 of the Disaster Mitigation Act of 2000 (DMA) (P.L. 106-390). The Disaster Mitigation Act of 2000 (DMA 2000), Section 322 (a-d), as implemented through 44 CFR Part 201.6 requires that local governments, as a condition of receiving federal disaster mitigation funds, have a mitigation plan that describes the process for identifying hazards, risks and vulnerabilities, identifying and prioritizing mitigation actions, encouraging development of local mitigation and providing technical support for those efforts. The City of Seward All-Hazard Mitigation Plan is Annex C to the KPB All-Hazard Mitigation Plan. It identifies hazards; establishes community goals and objectives and develops mitigation strategies and activities that are appropriate for the City of Seward.

**The City of Seward All-Hazard Mitigation Plan is available through the City of Seward Community Development Office, the Seward Fire Department and the City of Seward Web Site. The plan is also available through the KPB Office of Emergency Management (Annex E to the KPB All-Hazard Mitigation Plan). Copies of the plan are available by calling (907) 224-3445. The plan is also available online at:**  
<http://www.borough.kenai.ak.us/emergency/HazMit/06final.htm>

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### City of Seward Hazard Matrix

The City of Seward All-Hazard Mitigation Plan includes a methodology and analysis used to establish a hazard matrix for the types of disasters and severity of risk facing the City. The Hazard Matrix uses the following categorization scheme for identifying and categorizing hazards:

#### Probability:

- Y: Hazard is present in jurisdiction but probability unknown
- Y-L: Hazard is present with a low probability of occurrence
- Y-H: Hazard is present with a high probability of occurrence
- N-H: Hazard is not present
- U: Unknown if the hazard occurs in the jurisdiction

#### Extent:

- Z: Zero
- L: Limited
- T: Total or extensive

#### Previous Occurrence:

- Y: Yes
- N: No

All Categories:

**NI: This hazard was not included in All-Hazard Mitigation Plan, but is included in this EOP**

The following table summarizes the information in the City of Seward All-Hazard Mitigation Plan. In some cases, hazards that are addressed in this response plan were not included in the All-Hazard Mitigation Plan, as indicated below.

Hazard	Probability	Extent	Previous Occurrence
Avalanche	Y	L	Y
Coastal Erosion	Y	T	Y
Drought	N-H	Z	N
Earthquake	Y-H	T	Y
Energy Shortage	NI	NI	NI
Fire (wildland)	Y-L	L	Y
Flood	Y-H	L	Y

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<b>Hazard</b>	<b>Probability</b>	<b>Extent</b>	<b>Previous Occurrence</b>
Landslide	Y	L	Y
Oil/Hazmat	NI	NI	NI
Terrorism/WMD	NI	NI	NI
Transportation Accident	NI	NI	NI
Tsunami	Y	L	Y
Volcano	U	Z	Y
Weather Extreme	Y	T	Y

The City of Seward All-Hazards Mitigation Plan does not address the following types of hazards at this time. However, response checklists for these hazards are included in this EOP. Once the KPB and City of Seward Mitigation Plans have been updated to include these additional analyses, this EOP should be correspondingly updated. If any hazards are not found to be present in the community, then the response checklists for these hazards may be removed from Section 3.

- Energy Shortage
- Oil/Hazardous Materials Release
- Terrorism/Weapons of Mass Destruction
- Transportation Accident

The State of Alaska All-Hazard Mitigation Plan uses the additional categories of "Technological" and "Economic" to categorize potential hazards. Since these are relatively non-specific terms, they are not included in the response checklists in this EOP. However, the four categories listed above can generally be considered technological disasters. Economic disasters are not considered in a response context, since most economic crises do not have a distinct emergency management phase. However, all disasters have the potential to cause adverse economic consequence; therefore, the response actions required in response to economic impacts are incorporated into the response checklists in Section 3 and the operational procedures throughout this EOP.

**Section 10 of this plan contains specific guidance for responding to incidents that involve or impact cruise ships that are traveling to or from or in port in Seward.**

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