

## EMERGENCY SUPPORT FUNCTION – 4

### Firefighting

<b>PRIMARY AGENCY:</b>	<b>Fire Department</b>
<b>SUPPORT AGENCIES:</b>	<b>Police Department</b>
	<b>Public Works</b>

## I. INTRODUCTION

### A. PURPOSE

The purpose of Emergency Support Function 4 (ESF-4) is to provide for citywide coordination of fire prevention, suppression and control within the City of Redmond. This ESF will also provide for the coordinated use of fire department resources in handling urban, rural and wild land fires, which could result from a natural disaster, such as an earthquake. It addresses rescue operations, such as High Angle Rope, Confined Space, Trench rescue, and Vehicle Extrication lasting less than a full operational period. For Urban Search and Rescue, refer to ESF-9 Search and Rescue.

### B. SCOPE

This ESF deals with fighting fires beyond normal field operations in the City of Redmond. This includes coordinating resource assistance of other agencies through countywide mutual aid agreements and the statewide Fire Mobilization Plan.

The plan establishes a mutual understanding of authority, responsibilities and functions of local government, and provides a basis for incorporating non-governmental organizations (NGOs) into the response and recovery process. All directions contained herein apply to preparedness measures and incident actions undertaken by the City of Redmond and other supporting organizations as may be required to minimize the effects of large scale incidents.

1. The Fire Department is the primary department for all fire service, emergency medical services (EMS) (see ESF-8), Hazardous Materials Response (see ESF-10), and Technical Rescue activities like High Angle Rope, Confined Space, Trench rescue, and Vehicle Extrication (see ESF-9 Search and Rescue for Urban Search and Rescue (USAR / US&R)).
2. The City of Redmond Fire Department has seven Fire stations (Stations 11, 12, 13, 14, 16, 17, and 18). Station 11 is the Fire Department headquarters located in Redmond at 8450 161<sup>st</sup> Ave NE.

3. Firefighting activities involve the:
  - a. Management and coordination of firefighting activities.
  - b. Detection and suppression of fires on City and private property.
  - c. Providing personnel, equipment, and supplies to support the City and other local jurisdictions involved in urban and urban interface firefighting.
  - d. Providing personnel, equipment, and supplies to support the City and other local jurisdictions involved in urban search and rescue operations, including trench rescue, water rescue, or extrication of accident victims from vehicles. Operations beyond that are handled under ESF-9 Search and Rescue. Redmond Police or Fire Departments may take the lead on ESF-9, depending on the nature of an incident, but Police and Fire will form a Unified Command if resources from both departments are needed.

## **II. POLICIES**

1. The guidelines established in the City of Redmond Fire Department's Standard Operating Guidelines (SOGs) shall be followed in responding to an incident.
2. The City of Redmond has adopted the International Fire Code (IFC) and operates accordingly.
3. The King County Fire Resources Plan provides for the coordination of countywide fire resources during localized incidents.
4. The Chief of the Washington State Patrol (WSP) has the authority to mobilize local jurisdictions under RCW 43.43, State Fire Services Mobilization. The State Fire Marshal is the director of fire protection in the WSP when State fire mobilization is authorized.

## **III. SITUATION**

### **A. INCIDENT CONDITIONS AND HAZARDS**

1. See the City of Redmond Basic CEMP for a description of potential emergency conditions (Mitigation Activities section) and vulnerable population information (Access and Functional Needs section).
2. Fires resulting from a natural or man-made incident may be fueled by ignition sources that are of little concern under normal conditions. The damage potential from fires in urban areas during and after a large-scale incident may exceed the damages of the initial hazard.
3. Urban fire departments may be committed to incidents that involve the response to fires, rescues, and emergency medical services (EMS) in urban areas.
4. Large-scale incidents, such as earthquakes, may create simultaneous rescue situations caused by widespread structural and geologic integrity issues (refer to ESF-9 Search and Rescue).

5. Available firefighting and mutual aid resources will be difficult to obtain and utilize due to disruption in communications, transportation, utilities, and water systems.

#### **B. PLANNING ASSUMPTIONS**

1. No guarantee of a perfect response system is expressed or implied by this ESF. The City of Redmond will make every reasonable effort to respond based on the situation, information, and resources available at the time of the incident.
2. Available resources may become limited due to high demand in a large-scale incident.
3. All departments are required to support this ESF as necessary.
4. Land-line communications may be interrupted. Radio communications may be relied upon heavily and are through established channels.
5. Wheeled-vehicle access may be hampered by such occurrences as falling trees and power lines, bridge failures and landslides, making conventional travel to the fire location extremely difficult or impossible.
6. The Fire Department may receive urgent requests from non-fire-related departments for personnel, equipment, and supplies. These supplies may be limited or unavailable.
7. The Fire Department has automatic and mutual aid agreements with numerous agencies throughout King County. Requests for assistance are through existing mutual aid Agreements. In situations where mutual aid is not available, requests are coordinated through the City Emergency Coordination Center (ECC).
8. Fire and Life Safety response times may be delayed due to disruptions and debris from the incident; responses to occurrences will be prioritized.
9. Support normally given by electric, gas and water utility companies may be hampered by the magnitude of the incident. Utility failures, such as the disruption of water supply for firefighting, may compound, or add to the size of the incident.

## **IV. CONCEPT OF OPERATIONS**

### **A. GENERAL**

The Fire Department manages and coordinates firefighting, emergency medical services (EMS) and rescue activities. During an incident, the individual incident commanders are responsible for conducting situation and damage assessments as well as for determining resource needs with the City ECC. Should requests for additional firefighting assistance and resources need to be made, they will be coordinated by the activated City ECC.

### **B. PROCEDURES**

1. In an incident, the Fire Department's Standard Operating Guidelines (SOGs) are implemented as are other plans and documents when necessary.

2. The Fire Department maintains the departmental Standard Operating Guidelines (SOGs) for managing response and recovery activities in relation to this ESF.
3. The notification method used to mobilize off-duty personnel is by telephone, pager, or other appropriate means. Backup notification is by emergency public information procedures.
4. The Fire Chief, or his designee, provides direction and control over department resources and coordination with the City ECC. City department personnel operate according to specific directives, department Standard Operating Guidelines (SOGs) and by exercising reasonable personal judgment when unusual or unanticipated situations arise and command guidance is not available.
5. The Fire on-scene Incident Commanders provide regular status reports to the City ECC.
6. The coordination of resources and requests for assistance are through the City ECC.
7. On-scene management of an incident follows the Incident Command System (ICS).

### **C. PREVENTION AND MITIGATION ACTIVITIES**

1. Review the Redmond Hazard Mitigation Plan (HMP) as a department and discuss implementation strategies.
2. The Fire Chief manages and enforces the Fire Prevention Program and Fire Codes including but not limited to:
  - a. All applicable local, State, and federal fire and life safety codes.
  - b. Developing and preparing of amendments to fire and building codes, reflecting solutions to the latest trends and techniques in building construction.
  - c. Organizing fire and life safety inspections of all applicable occupancies and fire protection systems and appliances.
  - d. Overseeing the investigation of all fires.
  - e. Providing plan review services for all new construction and tenant improvements.
  - f. Reviewing zoning changes, lot divisions, and devising solutions to diverse land development projects.
  - g. Maintaining the fire management data processing systems for fire prevention programs and the preservation of records.
3. Public Education and Training
  - a. Provide fire safety information to public and private entities and organizations.
  - b. Conduct community education programs. Assist with emergency preparedness programs, like Community Emergency Response Team (CERT).

- c. Coordinate the education of fire personnel using the latest information, techniques, and programs for the prevention of injuries, prevention of fires, and reduction of property damage, as a result of natural and/or man-made causes.

#### **D. PREPAREDNESS ACTIVITIES**

1. Become familiar with this ESF and Comprehensive Emergency Management Plan (CEMP).
2. Train personnel in firefighting using established standards.
3. Develop a list of resources, which includes apparatus, equipment, personnel, and supply sources. Use the National NIMS Resource Typing Definitions as needed to identify resources that may be used to respond to mutual aid requests within WA State. Those definitions serve as the common language for mobilization of resources.

#### **E. RESPONSE ACTIVITIES**

1. Assume full responsibility for suppression of fires burning on or threatening City- owned lands.
2. Task personnel to accomplish fire suppression, emergency medical services (EMS), and rescue responsibilities.
3. Activate and staff the City ECC as required.
4. Conduct situation and damage assessments of Fire Dept. facilities; assist Planning and Public Works in performing windshield surveys and preliminary damage assessments (PDA) as available. Report findings to the City ECC.
5. Assist in emergency road clearing, if necessary, when responding to an incident.
6. Upon request, provide support to utility restoration efforts.
7. Provide response to hazardous material occurrences.
8. If available to do so, provide support in the dissemination of emergency warning information to the public and assist in providing direction and control for evacuation efforts.
9. Provide and coordinate firefighting assistance with other jurisdictions per existing mutual aid agreements.
10. Support operations through requests and coordination of resources unavailable through mutual aid.
11. Implement the King County Fire Resources Plan when appropriate.
12. Participate in the implementation of the Washington State Fire Services Resource Mobilization Plan when appropriate.

## **F. RECOVERY ACTIVITIES**

1. Contribute to the damage assessment process. Report findings to the City ECC.
2. Provide regular status reports and information regarding operational and resource needs to the City ECC.
3. Coordinate the documentation and reporting of incident-related expenditures to the City ECC or City Office of Emergency Management (OEM) if the ECC is not activated.
4. Create After-Action Reports and Lessons Learned Reports; forward to the City OEM.

## **V. RESPONSIBILITIES**

1. Manage and support firefighting activities, emergency medical services (EMS), and rescue activities.

## **VI. RESOURCE REQUIREMENTS**

1. Primary and support departments provide the required personnel, facilities, and equipment to support activities in this ESF.
2. Local, regional, State, and national fire suppression resources may be required. The specific resources available are listed in the appropriate mobilization guides. Support organizations exist at each level of government to provide these assets.

## **VII. FURTHER MATERIALS FOR REFERENCE**

1. King County Fire Resources Plan
2. Washington State Fire Services Resource Mobilization Plan.
3. City of Redmond Hazard Mitigation Plan (HMP) and King County Regional Hazard Mitigation Plan (KCRHMP). See the Resources section of the Redmond CEMP Basic Plan or the Emergency Plans page in the Public Safety section of [www.redmond.gov](http://www.redmond.gov) for links.
4. Refer to primary and supporting departments' plans for further information supporting this ESF.
5. See FEMA "Resource Management & Mutual Aid" at <https://www.fema.gov/resource-management-mutual-aid> for information about NIMS Resource Typing and the Resource Typing Library Tool (RTLTL). The RTLTL and all NIMS resource typing definitions and job titles/position qualifications released by FEMA can be found at <https://rtltoolkit.org>.