

# 6

## IA 6 – Flood

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IA 6 Tasked Agencies	
<b>Primary Agencies</b>	Public Works
<b>Supporting Agencies</b>	Fire Department Police Department Emergency Management Administration

## 1 Description

The Yamhill River runs north along the east side of McMinnville. The South Yamhill River runs east along the north side of McMinnville, with Cozine Creek flowing south through the west side of town. The west side of McMinnville experienced severe flooding in 1964, and flooding from Cozine Creek occurred in 1996 in the low lands of the west side of the City. The severity of the impact would be determined by the extent of the flooding. Some disruption of normal services could result. Based upon the flooding impact on life and property, the City Manager will determine whether to implement this plan. If the City Manager is not available, the Emergency Management Coordinator or Incident Commander (IC) is authorized to make the determination.

## 2 Response Planning

Planning and preparedness for flood incidents is the responsibility of Public Works. This planning includes coordinating the biannual review of this document. Remaining City departments are responsible for planning to maintain their own operations and services during periods of flooding and for supporting Public Works as requested.

Duties and responsibilities listed under the EOC Checklists remain the responsibility of the Department unless the EOC staffing pattern, as described in the Basic Plan, is activated.

### 2.1 Evacuation

Flooding may require evacuation of the impact area. See FA 2 for evacuation information.

### 2.2 Sanitation and Health

The contamination of potable water supplies and the disruption of sanitary services is a major concern during flooding. Often, flooding is accompanied by deaths of farm animals and difficulty in disposing of carcasses in a sanitary manner. These problems can rapidly develop into a major health crisis. Efforts should be made early in the emergency to ensure adequate potable water for the population. Sources for potable water trucks include the National Guard, dairies, and other private- and public -sector sources. The need for portable toilets should also be considered. It may also be necessary to immunize the population against a variety of illnesses. The County Public Health Departments would provide public

health-related services such as those listed here. If a health epidemic develops, see IA 11 – Public Health-Related.

### **2.3 Emergency Transportation**

Sources for emergency transportation include YCTA Transit, First Student Transportation, 4-wheel drive clubs, and, under a State-declared emergency, the National Guard. See SA 1 – Resource Lists.

### **2.4 Debris Removal**

Removal of flood-deposited debris from City streets is the responsibility of Public Works. Care should be taken to ensure that debris removal efforts are coordinated. Removal of debris from most City facilities is the responsibility of the Public Works. Removal of debris from private property is the responsibility of the property owner. Collection points may need to be set up pending determination of the final disposal location.

## **3 Communication**

### **3.1 Flood Information**

The National Weather Service’s River Forecast Centers and River District Offices are responsible for alerting and warning the population when rainfall is enough to cause rivers to overflow their banks and when melting snow may combine with rainfall to produce similar effects.

Flood warnings are forecasts of impending floods and are distributed to the public by radio and television, and through local government by the Law Enforcement Data System (LEDS). The warning message tells the expected severity of flooding (minor, moderate, or major); the affected river; and when and where flooding will begin.

Flash flood warnings are the most urgent type of flood warning issued and are also transmitted to the public over radio, over television, and by other signals, depending upon local need. Due to terrain in the McMinnville area, it is not likely that the City will suffer from flash floods.

### **3.2 Public Information**

Public Works, with the assistance of the Emergency Management Coordinator, will develop and provide appropriate instructions to the public concerning actions to protect life and property. In addition, the department will provide information and guidance to the Public Information Officer (PIO). Special plans may be required to reach areas of impact that may be without power and telephone service.

## 4 Emergency Service Actions

A large-scale flood, while rare, can create the need for long periods of repair and restoration. This may necessitate personnel, equipment, materials, and supplies remaining at the scene for long periods after the flood waters recede. In addition to the activities and responsibilities listed in the Basic Plan, the following are checklists of tasks that may need to be accomplished in preparation for, response to, and recovery from a flood. They should not be considered all-inclusive; some emergencies will require tasks that are not listed.

### 4.1 Public Works

#### 4.1.1 Warning

- \_\_\_ 1. Upon receipt of warning via LEDS or National Weather Service Radio, determine height of affected waterways at normal stage, at what height flooding will occur, areas that may be affected by the rising flood waters, and areas to be evacuated. Coordinate development of evacuation and emergency access plans with Police and Fire.
- \_\_\_ 2. Through the PIO, inform the public of the current situation and actions being taken by local government to handle the emergency and advise them of what steps and actions they can take to safeguard their lives and property.
- \_\_\_ 3. Review the status and location of equipment, fuel, sand and gravel, etc. for use during and after the flood.
- \_\_\_ 4. Check auxiliary generators and other power, lighting, and communications equipment.
- \_\_\_ 5. Determine the readiness of vehicles. Provide appropriate emergency equipment.
- \_\_\_ 6. Assess current staffing and shifts. Recall and assign additional personnel as necessary.
- \_\_\_ 7. Alert field personnel of impending situation.
- \_\_\_ 8. So far as is practical, place personnel and equipment on stand-by and keep in communication with operating and stand-by crews.
- \_\_\_ 9. Evaluate equipment needs and identify sources.
- \_\_\_ 10. Review arterial and collector streets likely to be affected. Develop alternative traffic routes and determine priorities for maintenance and debris clearance.

**4.1.2 Impact**

- \_\_\_1. Assess the flood situation with respect to forecasts, areas flooded, damage to utilities and other property, casualties, requirements for rescue and evacuation, etc. Keep the City Manager and other departments advised.
- \_\_\_2. Coordinate with the Police Department to limit travel into the flood area as required. Restrict access to hazardous areas as required. Re-route traffic on an area basis as required.
- \_\_\_3. Coordinate inspections of electric, gas, and water systems with appropriate utilities and agencies.
- \_\_\_4. Assume incident command.

**4.1.3 Recovery**

- \_\_\_1. Release excess personnel and equipment.

**4.2 Fire Department****4.2.1 Warning**

- \_\_\_1. Alert field personnel and fire stations.
- \_\_\_2. Assess current staffing and shifts. Consider assignment of additional personnel.
- \_\_\_3. Review the status and location of boats and other rescue equipment, fuel, and other essential supplies for use during and after the flood.
- \_\_\_4. Consider repositioning equipment if its current location could become cut off.
- \_\_\_5. Determine the readiness of vehicles. Provide appropriate emergency equipment.
- \_\_\_6. Consider activation of volunteers.
- \_\_\_7. Coordinate with Police and Public Works to develop evacuation plans and emergency access routes.

**4.2.2 Impact**

- \_\_\_1. Assist in search and rescue.
- \_\_\_2. Assign staff to the EOC, if activated.
- \_\_\_3. Keep information on conditions up to date. Utilize appropriate access routes as conditions change.

**4.2.3 Recovery**

- \_\_\_1. When possible, assist with pumping of water from buildings.

**4.3 Police Department****4.3.1 Warning**

- \_\_\_1. Upon receipt of warning, notify the Emergency Management Coordinator; if he or she is absent, notify the following personnel: Public Works Director, Police Chief, City Manager, and the McMinnville Fire Department (MFD) fire station. Further notification is the responsibility of the above personnel (or their designees).
- \_\_\_2. Alert field units.
- \_\_\_3. Review the status and location of equipment and other essential supplies for use during and after the flood.
- \_\_\_4. Check communications equipment.
- \_\_\_5. Assess staffing and shift needs. Put mutual aid responders on alert.
- \_\_\_6. Consider activation of volunteers.
- \_\_\_7. Coordinate with MFD and Public Works to develop evacuation plans and emergency access routes to the affected areas.

**4.3.2 Impact**

- \_\_\_1. Keep information on conditions up to date. Utilize appropriate routes as conditions change.
- \_\_\_2. Maintain communication with Public Works and field units, as well as the Emergency Operations Center, if activated.
- \_\_\_3. Limit travel into flood area as required. Restrict access to hazardous areas as necessary. Re-route traffic on an area basis as required.
- \_\_\_4. Maintain perimeters and patrol evacuated areas as necessary.
- \_\_\_5. Assist other departments as requested.

**4.3.3 Recovery**

- \_\_\_1. Assist in damage assessment as requested.

## 4.4 Emergency Management

### 4.4.1 Warning

- \_\_\_1. Upon receipt of flood warning, alert Emergency Management staff, Public Works Director, Police Chief, Fire Chief, Yamhill Communications Agency (YCOM), and the City Manager.
- \_\_\_2. Alert emergency facilities located within the potential impact area.
- \_\_\_3. Facilitate the development of an evacuation plan and other mitigative actions with the City Manager, City Attorney, Public Works, Police, and Fire Department.
- \_\_\_4. Establish coordination with the County Office of Emergency Management.
- \_\_\_5. Consider the need for activation of volunteers.
- \_\_\_6. Keep information on conditions up to date. Keep the public and other departments informed.
- \_\_\_7. Establish and maintain reporting and coordinate contact with cooperating jurisdictions, the County, and volunteer organizations.

### 4.4.2 Impact

- \_\_\_1. Consider activating the EOC.
- \_\_\_2. Determine status of critical facilities.

### 4.4.3 Recovery

- \_\_\_1. Assist in assessment of damages.
- \_\_\_2. Provide a coordination point for disaster recovery activities and agencies.
- \_\_\_3. Facilitate post-incident analysis.
- \_\_\_4. Revise and update the Emergency Operations Plan, as necessary.
- \_\_\_5. Archive the incident documentation/report package.

## 4.5 Administration

### 4.5.1 Warning

- \_\_\_1. Assess staffing.
- \_\_\_2. Participate in briefing meetings.

#### 4.5.2 Impact

- \_\_\_1. Consider activating the EOC.
- \_\_\_2. City Manager - Consider assuming overall Incident Command.
- \_\_\_3. Keep the Mayor and Council apprised of the situation and major developments.
- \_\_\_4. Consider the need for Disaster Declaration.

### 4.6 Incident Command

#### 4.6.1 Impact

- \_\_\_1. Provide overall incident strategy and management.
- \_\_\_2. Respond to and control the incident according to department standard operating procedures (SOPs). Priority operations include:
  - a. Search and rescue;
  - b. Relocation of vital City resources;
  - c. Clearance of arterial streets of mud and debris first, and collector streets as rapidly as possible.
  - d. When structures permit, pumping of water out of basements and lower floors; depending on the availability of resources, the City may be unable to assist private home and business owners.
  - e. Coordinating with franchised garbage collectors to limit accumulation of food-type garbage as first priority, followed by general trash and recycling collection; and
  - f. Coordinating with County Public Health officials to provide health and sanitation inspections of the area.
- \_\_\_3. Establish a Unified Command structure with other affected jurisdictions, as appropriate.
- \_\_\_4. Provide liaison with cooperating or assisting agencies, jurisdictions, and volunteers not part of the unified command structure.
- \_\_\_5. Establish and maintain contact with the media, provide public and protective action information, and alert and warning as appropriate.
- \_\_\_6. Monitor overall safety of incident operations.
- \_\_\_7. Consider the need for a written incident action plan.

## 5 Appendices

- None at this time.

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