

**City of Oregon City Floodplain Management Plan
Annual Progress Report (Activity 510)**

Date this Report was Prepared:	October 10, 2019
Name of Community:	Oregon City, Oregon
Name of Plan:	Clackamas County Multi-Jurisdictional Hazard Mitigation Plan Volume II, OC1 (Addendum) – City of Oregon City
Date of Plan Adoption:	Clackamas County Plan: March 2019 City of Oregon City Addenda: September 4, 2019
5 Year CRS Expiration Date:	October 15, 2022

Introduction

The National Flood Insurance Program (NFIP) provides federally supported flood insurance in communities that regulate development in floodplains. The Community Rating System (CRS) grades the various Community Floodplain Management Programs and reduces flood insurance premiums in those communities that meet certain requirements.

This Progress Report documents the current status of the Clackamas County Multi-Jurisdictional Hazard Mitigation Plan - for which the City contributes and maintains an addendum - regarding flood program management. This report also summarizes the City's action plan to minimize the effects of flood events within the City, and lists emergency preparedness events staff continue to be involved in throughout the year.

2019 Clackamas County Multi-Jurisdictional Hazard Mitigation Plan (NHMP) and City of Oregon City Addendum

In order to reduce the potential for personal/property losses in hazard classifications, Clackamas County developed a Multi-Jurisdictional Hazards Mitigation Plan (NHMP) in 2002. It was updated in 2007 (Resolution 09-21), and again in 2012. The latest update was in 2019. The Oregon City Addendum to the NHMP was adopted by City Commission on September 4, 2019, through Resolution 19-30, in conjunction with the 2019 NHMP update. The City Commission hearing was open to the community and the media.

More specifically, in 2018-19 Oregon City staff (along with other cities and jurisdictions) contributed to the update of the Natural Hazards Mitigation Plan. Oregon City and

Wilsonville held addenda update meetings as part of Clackamas County NHMP draft review, with Oregon City resident comments reviewed as part of this process. The 2019 Oregon City Addendum to the Clackamas County Multi-Jurisdictional Hazard Mitigation Plan has been accepted by FEMA as of September 25, 2019.

City of Oregon City Addendum to the NHMP

The City addendum to the Clackamas County Multi-Jurisdictional Hazards Mitigation Plan with respect to flood management is summarized below.

- The City of Oregon City was rated high for probability of flooding, and moderate for vulnerability to flooding
- Portions of Oregon City are within the Special Flood Hazard Area (SFHA) – along the Willamette River, Clackamas River, and Abernethy Creek
- Several reaches of creeks are still in or near their natural state
 - Flooding of these areas causes no damage to human development, and may help riparian habitat
- The City has not had the resources to assess vulnerability to flooding
- The City has been proactive in mitigating flood hazards by purchasing floodplain properties
- Recent significant rainfall/runoff events that caused flooding are discussed
- 38 National Flood Insurance Program (NFIP) policies were in force as of July 2018
 - There were 43 NFIP policies in force as of September 2019
 - Other City NFIP statistics are listed
- Mitigation activities include:
 - Upholding development code, policies, standards, and master plans
 - Onsite stormwater flow attenuation systems for new developments are standard in part to help reduce flooding
 - The City Public Works Operation Division regularly inspects and maintains public stormwater facilities
 - City or interest group river bank stabilization efforts continue to take place

A copy of this report is also being sent to Oregon's NFIP Coordinating Official.

1. How can I obtain a copy of the Original Plan or area analysis report:

All the documents mentioned above can be found online at the following links:

Oregon City 2019 Addendum to the Clackamas County Multi- Jurisdictional Hazard Mitigation Plan	https://www.orcity.org/publicworks/natural-hazards-mitigation-plan
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Clackamas County 2019 Multi-Jurisdictional Hazard Mitigation Plan	https://www.clackamas.us/dm/naturalhazard.html
Oregon City Resolution 19-30	https://oregon-city.legistar.com/LegislationDetail.aspx?ID=4119417&GUID=CBA46E14-2DD1-49EB-9B80-F989ACFECB04&Options=ID Text &Search=19-492

2. Describe how this Evaluation Report was prepared and how it was submitted to the governing body, released to the media and made available to the public:

This annual progress report was prepared utilizing the guidelines contained in the 2017 CRS Coordinator's Manual, Section 510, Floodplain Management Planning (www.fema.gov/media-library/assets/documents/8768). This report will be presented to the City Commission of Oregon City at a public meeting held on November 6, 2019. City Commission meetings are public meetings, publicized to the media and to the community, and they become part of the City Commission meeting record which is available to the public on the city's website at <https://oregon-city.legistar.com/Calendar.aspx>.

3. Provide a description of the implementation of each recommendation or action item in the action plan or area analysis report, including a statement on how the project was implemented or not implemented during the previous year:

The following goals have been established to minimize the effects of flood events within Oregon City. A status of each goal's implementation is also provided below:

Mitigation Action Item	Ideas for Implementation	Status
Promote the use of naturally flood prone open space or wetlands as flood storage areas.	Develop and implement flood protection alternatives for properties within and adjacent to the 100-year floodplain considering City codes related to the floodplain.	Achieved through effective implementation of Oregon City Municipal Codes, including: <ul style="list-style-type: none">• Chapter 13.12, Stormwater Management; new code was updated and became effective 7/31/18• Stormwater and Grading Design Standards Manual has been updated as of July 2019, and is being actively used to guide development throughout the City. The Manual is available online at: www.orcity.org/publicworks/stormwater-and-grading-design-standards

Mitigation Action Item	Ideas for Implementation	Status
Promote the use of naturally flood prone open space or wetlands as flood storage areas (continued).	Develop and implement flood protection alternatives for properties within and adjacent to the 100-year floodplain considering City codes related to the floodplain (continued).	<p>Changes to the Stormwater and Grading Design Standards Manual clarified the definitions of design flood elevation and the stormwater treatment methodology that includes language about sites within the 100-year floodplain</p> <ul style="list-style-type: none"> • Chapter 5.48, Grading, Filling and Excavating, effective 7/31/18 • Chapter 17.42, Flood Management Overlay District; effective 7/31/18 • New Planning Department fee adopted 8/7/2019 specifically for the review of properties in the floodplain. Review is Type II and requires public noticing. • In 2019, the Oregon City Municipal Codes were updated. This update process included an extensive public outreach effort including 70+ meeting/public input opportunities. <p>Process: Ongoing</p>
Continue to implement and enhance the public education program regarding flooding.	<p>Community-wide dissemination of information through the City's newsletter (Trail News) and the City's website:</p> <ul style="list-style-type: none"> • Promote purchase of floodplain insurance • Use GIS database to identify property owners in flood prone areas, and target these people for a group mailing • Distribute flood preparedness information 	<p>The City developed a brochure which was mailed to all property owners / occupants in the floodplain in October 2019. The flyer provided information about changes to the NFIP, protecting life and property from floods, flood insurance, etc. The City has also published articles in the quarterly publication Trail News which is mailed out to all postal customers in the Oregon City zip code (all issues in this renewal cycle).</p> <p>Process: Ongoing</p>

Mitigation Action Item	Ideas for Implementation	Status
Maintenance and cleaning of City stormwater conveyance systems	Regular responsibility of the Public Works Operations Department, specifically the Operations Supervisor for Storm and Wastewater Management	Duties include: identify problems and conduct regular stormwater collection system maintenance, NPDES and Oregon DEQ surface water sampling, emergency erosion control, drainage ditch cleaning and mowing, pipe cleaning and repair, detention basin maintenance, creek and stream repair, catch basin cleaning and repair, leaf sweeps, and cross-connection inspections
Clackamas County Community Emergency Notifications System (CENS)	System in place as of August 2018 to send voice, text, and email alerts to community members.	Citizens can take part via this website: https://www.clackamas.us/dm/publicalerts
Continue participating in the National Flood Insurance Program and develop strategies to reduce property damage and related financial impacts due to flooding.	<p>Continue to develop strategies to improve the city's current rating in the National Flood Insurance Program's Community Rating System; Oregon City Natural Hazards Mitigation Plan Addendum 47</p> <ul style="list-style-type: none"> • Continue to analyze each property in the floodplain; • Identify appropriate mitigation activities for repetitive flood properties; • Explore options for incentives to encourage property owners to engage in mitigation. 	<p>The City's Land Development Regulations prohibit new construction in the SFHA.</p> <p>Oregon City has one remaining repetitive flood loss property within its jurisdiction. It is a business that continues to operate successfully. A letter is sent annually to this property and its neighbors advising them how to prepare for floods. In addition, we advise property owners to check for water entry points, advise them how to avoid sewer backups, advise them of opportunities to retrofit their buildings and to elevate their homes / businesses above base flood level elevations, and advise them that if they don't already have flood insurance to consider acquiring it.</p> <p>Process: Ongoing</p>

4. Discuss why any objectives were not reached or why implementation is behind schedule:

Not applicable/ongoing processes

5. What are the recommendations for New Projects and Recommendations?

In addition to the Oregon City Natural Hazards Mitigation Plan Addendum, there are other activities that Oregon City staff and leadership do to encourage effective floodplain education and management. Some of these are listed below.

- Oregon City staff participate in the Regional Disaster Preparedness Organization (RDPO), regional group focused on strategic and coordinated planning, training and exercising, investment in technology and specialized equipment in preparation for disaster preparedness throughout the Portland Metropolitan Region. The City has ordered a grappling truck that was purchased through the RDPO for emergency preparedness. Public Works staff represent the City for the group and monitor group activities. For more information, see: <https://rdpo.net/>
- Attend stormwater conferences on the latest BMPs and technology in part to effect better flood control as influenced by stormwater conveyance system design and maintenance and integrated watershed planning.
- Clackamas River Water Providers group membership and involvement. 2019 Lower Clackamas River Spill Response Drill with partner agencies.
- City staff are active with and attend the regularly-scheduled Cities Emergency Manager's meetings and the Regional Emergency Management Group. Staff have attended at least five meeting within the last CRS annual recertification cycle.
- City staff participate in Oregon Association of Clean Water Agencies activities
- Staff regularly participate in the Emergency Preparedness Committee of the Regional Water Providers Consortium. This group is more focused on water supply but flooding and water supply very much overlap. This same group mobilizes because they focus on river levels and impacts to water intake structures.
- Portland Area Capabilities Exercise – City participation on 5/1/2019
- Emergency Readiness: apply the Ready Rating Program of the American Red Cross training on 5/10/2019
- Oregon Office of Emergency Management (OEM) Continuity of Operations Plan (COOP) training with City participation on 5/20/2019
- City of Oregon City inter-departmental Emergency Management meeting 9/30/2019 City Willamette Falls District (part of which is within the FIRM) is served by a sub-team on the Clackamas County Fire District No. 1-sponsored Community Emergency Response Team (CERT).