

Chapter 1: Introduction

The Board of Clackamas County Commissioners (BCC) is concerned with the risk that wildfires pose to citizens and valued forest resources. In May 2004, the BCC directed county departments to facilitate a collaborative community wildfire planning effort including local, state and federal agencies, community organizations, and individuals that have a vested interest in reducing wildfire hazard. The collaborative group identified wildfire risks, developed priorities for project funding, and developed programs to reduce the risk of wildfires to citizens and communities in Clackamas County. The first iteration of the Clackamas CWPP was adopted in 2005.

This 2017 CWPP Update has been accomplished in accordance with the suggested 5-year update process outlined in Chapter 9: Sustaining Efforts, Monitoring and Evaluation. The update process requires staff and resources, which were made available through a 2014 Title III Grant.

Clackamas CWPP Mission, Goals and Objectives

Mission

The mission of the Clackamas County Wildfire Protection Plan is to provide a consolidated reference documenting wildfire hazards, prevention and response efforts, and resource-sharing information for all participating local, state, and federal fire agencies. The CWPP improves upon historical fire planning efforts by providing a more localized and accurate approach for determining wildfire hazards and implementing best practices for wildfire protection in balance with sustainable ecological management and economic activities throughout Clackamas County.

Goals

Protect Life and Property

- Implement activities that assist in protecting lives by making homes, businesses, infrastructure, critical facilities, and other property more resistant to losses from natural hazards.
- Reduce losses and repetitive damages for chronic hazard events while promoting insurance coverage for catastrophic hazards.
- Improve hazard assessment information to make recommendations for regulating new development and encouraging preventative measures for existing development in areas vulnerable to natural hazards.
- Ensure that new development meets the criteria set forth in the plan, thereby creating a more fire safe community.
- Provide evacuation procedure information to the public.

Increase Public Awareness

- Develop and implement education and outreach programs to increase public awareness of the risks associated with natural hazards.
- Provide information on tools, partnership opportunities, and funding resources to assist in implementing mitigation activities.
- Utilize existing public outreach/education programs, including: Chamber of Commerce, Citizen Planning Organization, Community Emergency Response Teams, Neighborhood Watch, Parks Development Volunteers, Parent Teacher Associations, etc. to communicate information about wildfire hazard and prevention.

Enhance Natural Systems

- Balance watershed planning, natural resource management, and land use planning with natural hazard mitigation to protect life, property, and the environment.
- Preserve, rehabilitate, and enhance natural systems to serve natural hazard mitigation functions.

Develop Partnerships and Support Implementation

- Strengthen communication and coordinate participation among and within public agencies, citizens, non-profit organizations, business, and industry to gain a vested interest in implementation.
- Encourage leadership within public and private sector organizations to prioritize and implement local, county, and regional hazard mitigation activities.

Strengthen Emergency Services

- Recommend policies and projects that reduce vulnerability of critical facilities, services, and infrastructure.
- Strengthen emergency operations by increasing collaboration and coordination among public agencies, non-profit organizations, business, and industry.
- Coordinate and integrate natural hazard mitigation activities, where appropriate, with emergency operations plans and procedures.

Objectives

- Develop a coordinated wildfire plan for the county that builds on the Natural Hazard Mitigation Plan. The CWPP will also provide a foundation from which to build local fire district plans.
- Coordinate planning efforts with appropriate local, state, and federal agencies to ensure that the plan addresses National Fire Plan and Healthy Forest Restoration Act criteria and meets the intent of Senate Bill 360.
- Implement an effective public outreach campaign to incorporate citizen input and provide the public with information regarding wildfire prevention and structural protection capabilities.
- Provide technical assistance to the fire districts for developing local plans.
- Obtain necessary data for developing a county-wide wildfire risk assessment and coordinate methodology with appropriate local, state, and federal partners.
- Review County regulatory standards addressing wildfire hazards and provide recommendations for improvement.
- Document potential funding sources and increase eligibility for future grant opportunities by providing a more accurate assessment of risk and a prioritized list of risk-reduction projects.
- Ensure effective coordination between county departments and fire districts.
- Review emergency operations procedures (communications, evacuations, etc.) and provide recommendations for improvement.
- Develop fuels reduction projects in concert with biomass utilization projects to reduce wildfire hazards while promoting economic sustainability.
- Consider public land management policies and the potential effects these policies could have on wildfire risks and hazards in the county.

2005-2012 CCWPP Accomplishments & Action Plan

The 2012 CWPP included an action plan to address the following focus areas: Risk Assessment, Fuels Reduction & Biomass Utilization, Emergency Operations, Education & Outreach and Structural Ignitability. CWPP Partners have made great progress toward implementing these actions, as shown in Table 1-1. 2017 CWPP Action Plan. The CWPP Action Plan has also been updated and revised to ensure that actions are clear, implementable, and relevant.

The CWPP also enabled CWPP partner agencies to be more competitive for grant funds to build capacity for implementing projects. These accomplishments are illustrated in Table 1-2. CWPP Grant-Funded Projects 2012-2017. The total grant-funded accomplishments are as follows:

- Fuels Reduction: \$1,121,957
- Education/Outreach: \$1,242,286

Total Funding Generated from the CCWPP: \$2.36 Million

2017 Clackamas CWPP Major Revisions

The 2017 Clackamas CWPP Update process was developed in collaboration with the Clackamas Fire Defense Board and the Clackamas Wildfire Executive Planning Committee. These collaborative groups evaluated the effectiveness of the plan with regard to oversight of the CWPP as well as the five focus areas: Risk Assessment, Fuels Reduction, and Emergency Operations, Education and Outreach, and Structural Ignitability.

The 2017 Clackamas CWPP improves upon the Forest Conditions section. Drier weather has played a big role in the wildfires in this area and therefore it has been addressed in chapter 3. The update also sets more realistic goals based on current funding. In 2012, there was grant money to finance projects but now in 2017 the budget is strained, which means less can be accomplished. Now that each action has been examined, we have created a list of realistic, obtainable goals.

Table 1.1 2017 Clackamas CWPP Action Plan							
Action Item	Details	Lead	Partners	Time	Priority	2012 Progress	2017 Progress
Risk Assessment							
1.) Maintain and Update the Fuels Reduction and Communities at Risk Maps and databases.		Clackamas GIS	ODF, WFPEC	Annually	High	New Action 2012	This is a work in progress and will be completed for the 2017 update.
2.) Continue to track structural vulnerability data throughout the County through structural triage assessments.	a.) Work with fire districts to utilize the GPS units for obtaining home locations and structural vulnerability data.	Fire Districts, ODF	Fire Co-op	Ongoing	High	ODF has completed structural triage with home locational data for 10,000 homes in the ODF protection boundary. Hoodland completed 375 home assessments.	ODF provides structural triage assessments each year through the Firewise USA program.
	b.) Provide local structural triage data and maps to all fire agencies.	Clackamas GIS	ODF	1 Year	High	New Action 2012	This was completed for the 2012 update but there has been no new data since then, so no new maps have been produced.
3.) Update the Overall Wildfire Risk Assessment as new data is available.		Clackamas GIS	ODF	Long Term	High	New Action 2012	No new data available for the 2017 update.
4.) Utilize GPS technology to get accurate spatial and attribute data (e.g. size, access, water source volume, etc.) for fire suppression resources including.		ODF, USFS, BLM, Fire Districts	GIS	Ongoing	High	ODF has GPS locations for all water sources. County GIS has data for some fire districts.	ODF continues to utilize GPS technology to update water holes.
5.) Work with local fire districts to develop more detailed risk assessments using local and community-derived data.		Fire Districts, ODF	GIS	Ongoing	Low	All county fire agencies identified Communities at Risk and developed localized action plans to address risks. Maps of these areas as well as potential fuels reduction projects were provided to each fire agency.	All county fire agencies updated Communities at Risk.

Action Item	Details	Lead	Partners	Time	Priority	2012 Progress	2017 Progress
Fuels Reduction							
1.) Obtain funding to implement fuels reduction projects.		ODF, USFS, Fire Districts	Clackamas County	Ongoing	High	CWPP Partners have received 1.7 million to implement fuels reduction projects on public and private land.	ODF no longer receives the Title 3 grant money which funded most of the fuels reduction projects that have occurred in the last 10 years. At this time there is no new funding in sight, but a high need for fuels reduction.
2.) Develop and maintain a list of potential and successful fuels reduction projects.		ODF, USFS, Fire Districts	FDB	Ongoing	Medium	ODF has made presentations at the CCFFA Tree School, Home Owners Association Meetings, and Community Planning Organization Meetings to gain support for fuels reduction projects.	ODF continues to encourage fuels reduction projects, but can not offer any assistance at this time without more funding.
3.) Develop a process to assist land owners with removing woody debris.	a.) Promote community clean-up days and utilize portable saw mills, chippers, etc. to assist land owners in removing hazardous vegetation.	ODF, Fire Districts	Fire Co-op, CCFFA	Ongoing	High	Molalla Community Clean Day Spring 2006, 2007; Government Camp and Zig Zag Village Annual Community Clean Up Days	Government Camp and Zig Zag Village still participate in Annual Clean Programs.
4.) Provide fire agencies and landowners with tools necessary for promoting fuels reduction as a management practice to reduce wildfire hazards and restore ecosystems.	a.) Coordinate a Fuels Reduction Project Tour to educate fire districts and natural resources managers.	ODF, OSU Extension, CCFFA	ODF	Ongoing	Low	ODF provides a class at Tree School to educate landowners about fuels reduction and defensible space. A Guide for fire agencies, natural resources managers and landowners is needed.	There has been no demand for a tour recently. As ODF is contacted by different resource managers, it develops an appropriate education to fit their needs. ODF also continues to attend prevention events and educate landowners.
	b.) Provide landowners with a guide that can provide technical assistance in assessing and reducing wildfire hazards.	ODF, OSU Extension	Fire Co-op	Ongoing	High		OSU extensions and ODF partnered to put on an event for forest and landowners that educated them on the need for defensible space and the importance of assessing one's own risk to fire.
5.) Work with natural land managers and watershed managers to protect ecosystems and water quality in high risk natural areas and parks.	a.) Develop Bull Run Watershed forest management prescription to address heavy fuel load and high risk fire potential.	ODF, USFS, Portland Water Bureau, Sandy Fire	USFS/Sandy Fire	Ongoing	High	USFS, ODF, Portland Water Bureau and Portland Fire continue to have annual meetings.	The Eagle Creek fire posed a serious threat to the Bull Run Watershed. Policies need to be changed to allow more fire prevention/mitigation activities. USFS, ODF, Portland Water Bureau and Portland Fire continue to have annual meetings.
	b.) Work with natural resources managers county-wide to improve forest health and resistance to wildfire in projects in critical watershed areas.	ODF	County Parks, City Parks, Metro, USFS, BLM	Ongoing	High	The natural resources managers in the County identified fuels reduction projects in and around critical watershed areas for the 2012 Clackamas CWPP Update.	Stewardship foresters promote healthy forests and enforce the Oregon Forest Practices Act which protects critical watersheds.
7.) Identify opportunities to assist special needs populations in creating defensible space around homes and communities.		ODF	Social Service Agencies	Ongoing	Medium	ODF uses the Title III crew to assist in creating defensible space for landowners with special needs.	ODF has utilized Crew#58, Coffee Creek Crew, and multiple cost-share/rebate programs that are available for people with special needs.
Completed Fuels Reduction Action Items							
Encourage Stewardship Foresters and Consulting Foresters to integrate fuels reduction into management plans and utilize cost share programs.	a.) Utilize stewardship to assist in being SB 360 compliant.	ODF	ODF	3 Years	High	ODF Stewardship Foresters have begun integrating Fuels reduction and defensible space actions into stewardship management plans.	Completed

Action Item	Details	Lead	Partners	Time	Priority	2012 Progress	2017 Progress
Emergency Operations							
1.) Develop a Communications Work Group to address communications needs and deficiencies.	a.) Create a list of communication needs and resources (radios, repeaters, etc.) and develop a deployment strategy that can be utilized during an event.	CC Fire Agencies, CCOM	Clackamas County	Ongoing	High	New Action 2012	Ongoing
	b.) Identify and pursue funding sources to address communication deficiencies.	CC Fire Agencies	Clackamas County	Ongoing		UASI and other Homeland Security grants have addressed regional communication needs, including Clackamas County. Clackamas County has implemented a reverse 9-11 system called: Clackamas County Emergency Notification System (CCENS)	Passed county wide 800 MHz Bond.
2.) Provide exercises and training to build capacity for responding to wildfires.	a.) Conduct a conflagration exercise including dispatching of resources, staging, and coordination with Clackamas County Departments for potential evacuations and EOC activation.	FDB	CC Fire Agencies	5 years	High	No Progress	Last conflagration exercise was conducted in 2013. It turned out to be very helpful with the 36 pit incident in 2014. Another Conflagration exercise should be conducted before the next Clackamas CWPP update.
	b.) Clarify EOC/IMT roles and relationships.	FDB	CC Fire Agencies	2 Years		Unified Command has been exercised and utilized regularly during emergencies since 2005.	In 2014 Clackamas County had a conflagration with the 36 Pit Fire. Many lessons learned. Continue to clarify EOC/IMT roles.
	c.) Identify opportunities to provide Live Fire Training for CC Fire Agencies.	FDB	Metro, City/County Parks	Ongoing		NAFT is working on a Western Oregon Wildland School (to supplement Central Oregon Wildland School)	Working with Clackamas Community College Wildland Program as well as NAFT.
	e.) Work with natural resources managers to determine their role in responding to wildfires in parks and natural areas.	FDB	ODF	Ongoing		New Action 2012	Preseason agreements are put in place with natural resource managers to let them know their responsibilities in the event of a fire. There is also an annual operators dinner in order promote wildfire training.
3.) Strengthen public education and agency coordination on evacuation procedures.	a.) Invite CCSO to FDB to discuss evacuation authority, limitation and opportunities to collaborate.	FDB	CC Fire Agencies, Law Enforcement	Ongoing	High	Emergency Management has an evacuation plan template and is developing an evacuation plan for Mount Hood.	Ongoing
	b.) Clarify roles and responsibilities for evacuation procedures based on different types of incidents (wildland, structural, Haz Mat) and ensure that all participating agencies are aware of roles.						Ongoing
4.) Develop a more efficient system for utilizing intra and intercounty resources.	a.) Work with Washington and Multnomah Counties to determine the best strategy for utilizing resources. Consider alternate dispatch run cards.	FDB, Dispatch Centers	CC Fire Agencies	Ongoing	High	Run cards have been updated; Unified Command is used consistently during incidents; there is a Tri-County Mutual Aid Agreement, but the group needs to develop and refine operational strategies for utilizing resources.	Working with new CAD system to refine strategies for utilizing resources.
	b.) Consider creating structural and wildland strike teams for Clackamas County (including resources that are not in the Mob Plan).					New Action 2012	Used ST/TF for the 30 Pit Fire in 2014. Continue to work on strategies for ST/TF in County

Action Item	Details	Lead	Partners	Time	Priority	2012 Progress	2017 Progress
Emergency Operations							
5.) Encourage consistent application of and regular review/revision of the Open Burning Policy adopted by the Fire Defense Board.	a.) FDB Chief will work with ODF to analyze daily conditions using the Fire Severity Rating Matrix to determine open/closed burn days.	FDB Chief, ODF	CC Fire Agencies	Ongoing	High	The Clackamas Fire Defense Board has improved the understanding of burning policies countywide and is working with ODF to determine burn days.	The Clackamas Fire Defense Board continues to improve its understanding of the different burning policies around Clackamas County and working with ODF to determine the burn days.
	b.) Continue to refine the Open Burning Policy; Develop consistent definitions for "campfires" and "designated sites."	FDB Chief, ODF		Ongoing		The FDB updated the Open Burning Policy in 2010, and it should be evaluated and reviewed again in 2012-2013.	Updated policy, continue review 2018-19
	c.) Consider using a single source website (ODF Dispatch) to update Fire Severity Rating and public use restrictions.	FDB, ODF		Ongoing		New Action	ODF updates Fire Severity Ratings and public use restrictions through the main ODF website.
6.) Develop and implement training standards for Fire Operations Center (FOC) positions.	a.) FDB will identify classes/training specific to FOC positions and make recommendations to FDB for FOC training.	CWOG, FDB	CCEM, Public Works, RISK, Fire Districts,	Ongoing	High	New Action All Fire Chiefs that staff the FOC are trained at least to the ICS 300 level.	Ongoing
7.) Develop a consolidated document for reporting resource minimums on fire district, county-wide, and state-wide levels.	b.) ODF and USFS will provide morning resource status to the FDB via the CFOG website.	CWOG, FDB	CC Fire Agencies	Ongoing	Medium	ODF uses Web EOC. USFS does not.	ODF issues a daily report and reports all fires on Web EOC. USFS does not use Web EOC
Completed Emergency Operations Action Items							
Develop 12 hour operational period for Mutual Aid Agreement		FDB	FDB, BIA, Multnomah County	6 months	High	An intracounty Mutual Aid Agreement has been adopted by FDB agencies. An intercounty mutual aid agreement is being developed. An amendment will be made to the 2005 Fire Agreement to clarify that operational periods are 12 hours.	Completed
7.) Develop a consolidated document for reporting resource minimums on fire district, county-wide, and state-wide levels.	a.) The next iteration of the resource minimum document.	CWOG, FDB	CC Fire Agencies	Ongoing	Medium	There is a resource minimum list for the County (but it does not include ODF). ODF can include theirs, but it varies throughout the year due to fire season.	Completed
Develop and implement a radio numbering system that reflects geographic area.		Radio Committee	FDB, ODF	Long Term	Low	An attempt to do this was made in 2006, but did not generate adequate regional support. The Regional Fire Operations Group is tasked with this, although it may be a statewide issue.	Completed
Encourage consistent resource typing among NIMS, NWCG, and the SFMO.	a.) FDB will provide recommendation to the State Fire Marshal's Office that the equipment and staff typing should be consistent in NIMS, NWCG, and the Mob Guide.	CWOG, FDB	Fire Districts	Long Term	Low	ODF follows the NWCG guidance for resource typing. The SFMO follows NIMS. Some progress has been made to bring NIMS and NWCG into alignment.	Completed

Action Item	Details	Lead	Partners	Time	Priority	2012 Progress	2017 Progress
Education & Outreach							
1.) Develop a step by step process for outreach to Communities at Risk; including Firewise presentations.		ODF	Fire Co-op	Ongoing	High	Firewise presentations have been given at 15 Communities at Risk. ODF received grant funds to create 2 Firewise Communities in 2012.	ODF has remained the lead organization with the Firewise USA program in the county. Although the amount of Firewise communities has fluctuated, ODF continues to develop outreach material and give Firewise presentations.
2.) Develop relationships and incentives for a Fuels Reduction Program.	ODF, USFS, County/City Parks, Metro, SWCD		Fire Districts	Ongoing	High	Collectively, partners were awarded over \$1 million to implement fuels reduction projects in Clackamas County; about half of which was an ODF a cost share program for removing hazardous fuels.	ODF does not have any more funding available to finance a fuels reduction program, but there are still plenty of areas that could benefit.
3.) Update the burning brochure and target areas for mailing based on the Communities at Risk.		Fire Co-op	Fire Defense Board	Ongoing	High	Defensible Space and Debris Burning brochures were created and mailed to all WUI residents in 2006	Ongoing
4.) Develop and distribute address signs for homes and potential water sites in the WUI.		Fire Co-op	Fire Districts	Ongoing	High	ODF received Title III funds to purchase and distribute address signs in the WUI.	Keeping address signage up to date is an ongoing task. ODF has been utilizing GPS to mark watersite locations.

Action Item	Details	Lead	Partners	Time	Priority	2012 Progress	2017 Progress
Structural Ignitability							
1.) Continue to enhance coordination between Clackamas Fire Districts and County DTD.	a.) Identify a DTD representative to serve on the Wildfire Planning Executive Committee.	CCEM	WFPEC	Ongoing	High	WFPEC will identify a liaison for DTD.	Representatives will be Planning and Zoning Director and Deputy Building Codes Administrator, or their designees.
	b.) Promote an open dialogue between County DTD and fire agencies by utilizing the DTD website, monthly emails, and the Velocity Hall System.	FDB	SFMO	Ongoing	High	Continues to be effective in most areas. Rural Fire Districts need Velocity Hall training and are not receiving monthly emails.	Ongoing- County DTD does not currently participate on this committee. Velocity Hall no longer exists in the form it was previously and has been replaced with a different kinds of access portals.
2.) Support Building Officials in their requirements for the structure to maximize fire resistiveness	Building Codes have limited the ability of the fire service to require or approve any fire resistive measures or systems as it relates to the structure. The Fire Service must work with the Building Officials by supporting and collaborating with them in any details of the structure, so to meet the best practices for survivability and risk reduction.	Local FD, CC Building Dept., FDB	SFMO	Ongoing	High	New Action 2017	The local fire service providers have been made aware of the limitations on their ability to provide input and make requirements on structures in the State of Oregon. Authority for the structure itself resides solely with the Building Official. Partnership, communication, and collaboration is necessary to help ensure the structure meets roofing, roofing assembly, building materials, and set-backs that promote survivability.
3.) Work with Clackamas County Engineering to notify Fire Districts of new buildings on existing lots that have >150 ft. driveways.		CC Building Dept.	Fire Districts	2 Years	High	New Action 2012 Clackamas County DTD is installing a new system that could facilitate this process.	Ongoing
4.) Encourage use of fire-resistant construction materials, compliance with access requirements, adequate water supply, and incorporation of fuel breaks in the Wildland Urban Interface.	a.) Consider flagging the lots that are in the designated WUI and send the applicant an educational packet that includes suggestions for fire-safe construction materials, access, water supply, and fuel breaks.	County DTD	County GIS, DTD Comp. Users Group	1-2 years	High	No Progress	County GIS will coordinate with Building Codes and Planning on possible use of WUI layers for flagging in Plan Map program.
	b.) Utilize Section R3247 of the Residential Specialty Code "Wildfire Hazard Mitigation," which requires at least Type-C roofing for homes in the WUI.	County DTD, ODF, Fire Districts	FDB	1-2 years	High	New Action 2012	Building Codes cannot require the use of such materials as outlined in Section 327 of the Oregon Residential Specialty Code because Clackamas County has not adopted zoning provisions requiring compliance. Planning and Zoning may consider ZDO updates for future Work Plans.
5.) Enhance structural protection in unprotected areas and comply with the Governor's policy in unprotected areas to be eligible for conflagration resources.	a.) Support ODF in working with the County Tax Assessor to change the language on property tax statements for ODF assessment from "fire protection" to ODF "non-structural fire suppression" so homeowners and insurers are not led to believe they have structural fire protection.	ODF, County Tax Assessor	ODF	1 Year	Medium	No Progress	No Progress
	b.) Inform homeowners in unprotected areas of their unprotected status (using mailings) and provide them with information about options for enhancing structural protection.	ODF	Fire Co-op, Adjacent Landowners	Ongoing	Medium	No Progress	ODF sends out mailers to communities at risk to inform them of their status and to educate them on different strategies to mitigate high fire risk.
	c.) Encourage communities in unprotected areas to develop local community wildfire protection plans and/or become Firewise.	ODF	Fire Coop	Ongoing	Medium	No Progress	ODF has signed up several new Firewise Communities which includes developing localized CWPPs for each of them.
	d.) Research opportunity to provide disclosure of unprotected status on lots through deed restrictions.	ODF	County	1 Year	Medium	No Progress	No Progress

Action Item	Details	Lead	Partners	Time	Priority	2012 Progress	2017 Progress
Structural Ignitability							
6.) Work with insurance providers to improve their criteria to adequately represent level of structural fire protection in residential structures, especially in high-risk areas.	a.) Ensure that homes in rural settings have adequate access and water supply when considering insurance eligibility; especially homes > 3,600 ft ² .	FDB, SFMO, Insurance Providers	Regional Fire Operations Group	Ongoing	Medium	Western States Fire Chiefs are currently working with ISO to recognize reduced fire risk through prevention activates and develop incentives for promoting creation and maintenance of defensible space.	Iso has completed a regrading matrix that includes prevention and defensible space credits.
	b.) Expand criteria used by insurance providers to include fire breaks, fuels reduction, and fire prevention activities.			Ongoing	Medium		
	c.) Provide an educational component to developers/builders regarding fire insurance considerations of homes built without adequate access and water supply.			Ongoing	Medium		
	b.) Work with insurance providers to encourage homeowners to be proactive in maintaining fire safe vegetation and reducing hazardous fuels.			Ongoing	Medium		
7.) Improve upon current procedures for integrating fire codes into the regulatory process.	a.) All county fire agencies should come to consensus on the minimum fire code standards they will be enforcing and gain approval from the jurisdiction in which they serve.	FDB	BCC SFMO	January '05	Low	FDB has adopted the State Fire Marshal's Metro Code Committee Fire Applications Guide. It is currently in the process of being revised to make it more user friendly.	Ongoing
Completed Structural Ignitability Items							
Continue to enhance coordination between Clackamas Fire Districts and County DTD.	b.) Develop and provide a residential construction checklist to identify those projects with access and water supply challenges.	Structural Ignitability Committee	DTD	1 Year	High	The checklist is complete and will be provided by DTD during the permit application process.	This was completed and is being used, but the last checkbox cannot be used because the WUI has not been loaded into Plan Map.
Improve upon current procedures for integrating fire codes into the regulatory process.	b.) Continue to make improvements on the Permits Plus Program to ensure that conditions for fire code compliance are translated from land use planning to building permitting.	County DTD	County Engineering, IS	November '04	Low	Significant improvements have been made to the Plan Map system to ensure that all input given during the land use reviews is available to building officials.	Permits Plus was replaced by Accela Automation effective September 2013. We all use the Automation database to share information currently.
Enhance structural protection in unprotected areas and comply with the Governor's policy in unprotected areas to be eligible for conflagration resources.	e.) Consider flagging the lots that are in unprotected areas to educate the property owners about the lack of structural protection and provide options for enhancing structural protection.	County DTD	County	Ongoing	Medium	The County currently requires any new lot of record to have structural fire protection.	Complete

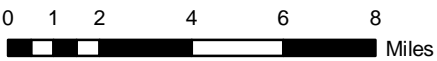
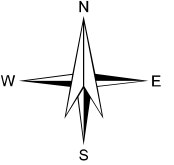
Table 1.2 Clackamas CWPP Grant Funded Projects 2012-2017

Grant	Amount \$	Acres Treated	Federal Acres	Accomplishments
Oregon Department of Forestry				
Title III- Firewise (2012-2015)	\$180,020	0	0	ODF received Title III funding to promote the Firewise USA™ Program, with the goal of creating certified communities in high priority Communities at Risk.
Title III- Fuel Reduction Crew (2012- 2013)	\$288,288	82	0	The ODF Fuels Reduction Crew was an eight to twelve-member seasonal crew responsible for implementing fuels reduction projects on public land or in community common areas.
Title III- Wildfire Prevention Plan (2012-2013)	\$67,895	0	0	ODF received Title III funding to facilitate the 2012 Clackamas CWPP update. Grant Coordinator provided coordination and planning with the rural fire districts, County Emergency Management, and other officials in cities and county government.
WSFM- East Clackamas (2012- 2018)	\$263,081	170	0	Western States Forest Managers funds an ODF program that is designed to help forest land owners that have limited budgets for implementing fuels reduction projects.
Title III- Firewise/ Coffee Creek (2016)	\$150,383	50	0	Coffee Creek Fuels Reduction Crew, 1 designated Firewise community, Prevention and Firewise events
Title III- Firewise/ Coffee Creek/ Clack CWPP (2017)	\$240,186	78	2	Coffee Creek Fuels Reduction Crew, 1 designated Firewise community, Prevention and Firewise events
Total	\$1,189,853	380	2	
Clackamas Fire Department #1				
ODF Water Tank Grant	\$10,000	0	0	CCFD#1 received \$10,000 in funding for a 30,000 gallon water tank at the Clarkes Station. This site is located in the Beavercreek area and serves as a fill site for both CCFD#1 and ODF.
SAFER Grant	\$1,174,390	0	0	The SAFER grant was awarded in order to create 6 new paid positions. These new positions will lead to more coverage in the Eagle Creek and Boring areas.
Total	\$1,174,390	0	0	Total Acres Treated: 382
Grand Total	\$2,364,243	380	2	

Clackamas County Fire Agencies 2017

- ★ Fire Stations
- ▬ Oregon Department of Forestry
- ▨ Bureau of Land Management
- ▭ Mt Hood National Forest
- ▭ City Boundaries

Map #1



CLACKAMAS COUNTY
GEOGRAPHIC INFORMATION SYSTEMS
DEPARTMENT OF INFORMATION SERVICES/GEOGRAPHIC INFORMATION SYSTEMS
121 LIBRARY COURT
OREGON CITY, OREGON 97045

The information on this map was derived from digital databases from Clackamas County's GIS. Care was taken in the creation of this map but is provided "as is". Clackamas County cannot accept any responsibility for any errors, omissions, or positional accuracy, and therefore, there are no warranties which accompany this product. Although information from Land Surveys may have been used in the creation of this product, in no way does this product represent or constitute a Land Survey. Users are cautioned to field verify information on this product before making any decisions.

