

East Fork Fire Protection District International Wildland-Urban Interface Regulations Presentation

East Fork Fire Protection District

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East Fork Fire Protection District Proposed International Wildland-Urban Interface (WUI) Regulations

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▪ What the Regulations are:

- Formal adoption by EFFPD of the IWUIC including Chapter 5, and formal adoption of already established Codes by the Nevada State Fire Marshal
- Response to local contractor and industry requests for adoption of the special building construction regulations of Chapter 5

Plus...

- Adoption of specific amendments relevant to the unique circumstances within EFFPD (i.e. firefighting water supplies in areas without an established water supply, and special building construction regulations)

Fire District Authority

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- The Fire District's authority is granted under several provision of State Law, County Ordinance, and adopted Codes. They include:
 - NRS 474.160: Regulations for furnishing fire protection to the District
 - The existing Interlocal Agreement with the Nevada State Fire Marshal Division
 - The provisions of the model codes as adopted by the State Fire Marshal Division under NRS 477.030 and NAC 477.281

Background

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- The Nevada State Fire Marshal's Office (SFM) adopts the International Wildland-Urban Interface Code, with the exception of Chapter 5: Special Building Construction Regulations

Background, cont.

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- The SFM does not adopt Chapter 5 to allow the AHJ to adopt and amend these regulations based on the needs of the District and safety of the community
- EFFPD WUI Regulations closely match those in the Northern Nevada Amendment Package and those adopted by Tahoe Douglas Fire Protection District

Background, cont.

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- During hearings regarding the repeal of the fire sprinkler ordinance by Douglas County, members of the public who experienced devastation as a result of the Tamarack fire, local contractors (on public record), industry representatives, and members of the public, all encouraged EFFPD to adopt the WUI requirements contained in Chapter 5.

Background, Cont.

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- Tahoe Douglas Fire Protection District has adopted and amended the WUI regulations contained in Chapter 5
- Neighboring jurisdictions have adopted the regulations contained in the WUI regulations in Chapter 5

Determination of Risk Category

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- Nevada Division of Forestry has a map on their website that anyone has access to determine their hazard risk category:
 - Moderate
 - High
 - Extreme
- [NV Resource & Fire Portal - Public Viewer \(nevadaresourcesandwildfireinfo.com\)](http://nevadaresourcesandwildfireinfo.com)

Conforming Water Supply

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- Requirements for construction are based on defensible space and water supply
 - Conforming water supply: an approved water source shall have an adequate water supply for the use of the fire protection service to protect buildings and structures from exterior fire sources or to suppress structure fires within the wildland-urban interface area of the jurisdiction in accordance with this section
 - Approved water tank in compliance with EFFPD Fire Code Regulations
 - Fire sprinklers
 - Water tender initiative program
 - Non-conforming water supply: a water source greater than 1000 feet from the structure.

Conforming Defensible Space

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- Conforming defensible space: An area either natural or manmade, where material capable of allowing a fire to spread unchecked has been treated, cleared or modified to slow the rate and intensity of an advancing wildfire and to create an area for fire suppression operations to occur. (See Chapter 6)
 - Moderate: 30 feet
 - High: 50 feet
 - Extreme: 100 feet

IWUIC Table 503.1

IGNITION-RESISTANT CONSTRUCTION^a

DEFENSIBLE SPACE ^c	FIRE HAZARD SEVERITY					
	Moderate Hazard		High Hazard		Extreme Hazard	
	Water supply ^d		Water supply ^b		Water supply ^b	
	Conforming ^d	Nonconforming ^e	Conforming ^d	Nonconforming ^e	Conforming ^d	Nonconforming ^e
Nonconforming	IR 2	IR 1	IR 1	IR 1 N.C.	IR 1 N.C.	Not Permitted
Conforming	IR 3	IR 2	IR 2	IR 1	IR 1	IR 1 N.C.
1.5 x Conforming ^f	Not Required	IR 3	IR 3	IR 2	IR 2	IR 1

Significant Impacts

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- Chapter 5 contains special building construction regulations which require buildings within the designated WUI areas to build to certain standards, including, but not limited to:
 - Venting
 - Eaves
 - Gutters
 - Decks
- Per the code; in areas designated as “Extreme”, where the property does not allow 1.5 times conforming defensible space (150 feet maintained), the home shall require residential fire sprinklers and a Fire Protection Plan, as described in Chapter 4.

Workload Impacts

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- EFFPD personnel will continue to review all commercial and residential construction, with the additional review and approval of the Chapter 5 construction regulations
 - Currently, EFFPD reviews only for access and required water supply
- Residents will be required to submit a Vegetation Management Plan for review and approval.
- Additional inspections throughout the construction process to enforce the adopted IWUIC Regulations
- May require additional inspection services specific to IWUIC Regulations

Next Steps

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- Formal presentation of the proposed Regulation Package to the Board of Directors (today)
- First reading of the proposed Regulation Package to the Board of Directors (April 2023)
- Public Hearing presenting the Resolution for approval to the Board of Directors (May 2023)
- Official implementation of the Regulations (July 1, 2023)

Fee Schedule Adoption

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- Fee Schedule update proposals to reflect the additional review and inspection fees associated with WUI (April 2023)
- Adoption of the updated fee schedule by the Board of Directors with implementation July 1, 2023 (May 2023)