

## Section 5

### Mitigation Strategy Requirements

***Mitigation Strategy---Requirement §201.6(c)(3):***

The plan **shall** include a strategy that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.

***Local Hazard Mitigation Goals---Requirement §201.6(c)(3)(i):***

[The hazard mitigation strategy **shall** include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

- Does the plan include a description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards?

***Identification and Analysis of Mitigation Measures---Requirement §201.6(c)(3) (ii):***

[The mitigation strategy **shall** include a] section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

- Does the plan identify a **comprehensive range** of specific mitigation actions and projects for each hazard?
- Do the identified range of mitigation actions and projects address reducing the effects of hazards on **new** buildings and infrastructure?
- Do the identified range of mitigation actions and projects address reducing the effects of hazards on **existing** buildings and infrastructure?

***Implementation of Mitigation Measures---Requirement: §201.6(c)(3) (iii):***

[The mitigation strategy section **shall** include] an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization **shall** include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

- Does the mitigation strategy include how the actions are **prioritized**?
- Does the mitigation strategy address how the actions will be **implemented and administered**?
- Does the prioritization process include an emphasis on the use of **cost-benefit review**?

## SECTION 5

# REGION 5 HAZARD MITIGATION PLAN CITY OF BUCKLEY MITIGATION STRATEGY SECTION

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**Table 5-1 City of Buckley Mitigation Strategy Matrix**

Implementation Mechanism	Mitigation Measure	Lead Jurisdiction(s) / Department(s)	Timeline (years)	Plan Goals Addressed					
				LIFE AND PROPERTY	CONTINUITY OF OPERATIONS	PARTNERSHIPS	NATURAL RESOURCES	PREPAREDNESS	SUSTAINABLE ECONOMY
<b>Startup</b>	1. Existing Mitigation Actions (E,L,V,D,F,WUI,SW,MM)	Buckley - Administration	Ongoing	✓	✓	✓	✓	✓	✓
	2. Plan Maintenance (E,L,V,D,F,WUI,SW,MM)	Buckley - Administration	Ongoing	✓	✓	✓	✓	✓	✓
<b>HMF</b>	1. Pierce County Hazard Mitigation Forum (E,L,V,D,F,WUI,SW,MM)	PC DEM; Buckley - Administration	Ongoing	✓	✓	✓	✓	✓	✓
<b>City Government</b>	1. Capability Identification and Evaluation (E,L,V,D,F,WUI,SW,MM)	Buckley	1-2	N/A					
	2. Underground Utilities Project (E,SW)	Buckley - Planning Department	5	✓	✓	✓		✓	✓
	3. Shelter Evaluation and Maintenance (E,L,V,D,F,WUI,SW,MM)	Buckley - DEM	Ongoing	✓	✓	✓		✓	
	4. Critical Facilities – Auxiliary Power (E,V,D,F,SW)	Buckley - Individual Departments	5	✓	✓			✓	✓
	5. Water Transmission Main Replacement (E,L,V,D,F,SW,WUI)	Buckley - Administration	5	✓	✓		✓		✓
	6. Water Reservoir Construction (E,L,V,D,F,SW,WUI)	Buckley - Administration	5	✓	✓				✓
	7. Natural Gas System EFV Retrofit (E,L,SW)	Buckley - Public Works (Natural Gas Department)	Ongoing	✓	✓				✓
	8. Critical Facilities – Seismic Evaluation (E,SW)	Buckley - Building Department	5	✓	✓				✓
	9. Tree Maintenance Program (E,F,SW,WUI)	Buckley - Public Works Department	Ongoing	✓	✓				✓
	10. White River Pedestrian Bridge (E,V,F,SW)	Buckley - Administration	5	✓	✓	✓			✓
	11. Surface Water Reductions – Low Impact Developments (E,L,D,F,SW)	Buckley - Planning and Public Works Departments	5	✓	✓		✓		
	12. Department Continuity of Operations Plans (COOPs) (E,L,V,D,F,SW,WUI,MM)	Buckley - Individual Departments	1-2	✓	✓				
	13. Essential Records Protection Plan (E,V,F,SW,WUI,MM)	Buckley - Administration	5	✓	✓	✓		✓	✓
	14. Identification of Vulnerable Citizens & Population (E,V,D,F,SW,WUI,MM)	Buckley - Police, Fire and Utility Departments	1-2	✓		✓			

Implementation Mechanism	Mitigation Measure	Lead Jurisdiction(s) / Department(s)	Timeline (years)	Plan Goals Addressed					
				LIFE AND PROPERTY	CONTINUITY OF OPERATIONS	PARTNERSHIPS	NATURAL RESOURCES	PREPAREDNESS	SUSTAINABLE ECONOMY
	15. Security and Access Control to Critical Facilities ( <i>E, V, D, F, SW, WUI, MM</i> )	Buckley - Police, Fire and Utility Departments	1-2	✓		✓			✓
	16. Formalize Mutual-Aid & Inter-Local Agreements with Public Partners ( <i>E, L, V, D, F, SW, WUI, MM</i> )	Buckley - Administration	Ongoing	✓	✓	✓		✓	✓
	17. Continued Wastewater Treatment Facility NPDES Permit Compliance ( <i>E, V, F, SW</i> )	Buckley - Administration	1-2	✓	✓	✓	✓	✓	✓
<b>Public Education</b>	1. Neighborhood and Community Emergency Response Teams ( <i>E, V, D, F, SW, WUI, MM</i> )	Buckley - DEM, Fire and Law Enforcement	5	✓		✓		✓	✓
	2. Community Public Preparedness Events ( <i>E, V, F, SW, WUI, MM</i> )	Buckley - Individual Departments	1-2	✓				✓	✓
	3. NOAA Radio Program ( <i>E, V, D, F, SW, WUI, MM</i> )	Buckley - DEM	1-2	✓				✓	
	4. Earthquake Home Retrofit Program ( <i>E</i> )	Buckley - Building and Planning Departments	Ongoing	✓		✓			✓

# Startup Mitigation Measures

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## Existing Mitigation Actions

**Hazards:** E, L, V, D, F, WUI, SW<sup>1</sup>, MM<sup>2</sup>

Buckley will continue to implement existing programs, policies, and regulations as identified in the Capability Identification Section of this Plan. This includes such actions as updating the Critical Area Regulations and any ensuing land use policies with best available science. It also includes continuing those programs that are identified as technical capabilities.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Preserve or Restore Natural Resources; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be accomplished with local budgets or grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Administration
5. **Timeline** = Ongoing
6. **Benefit** = City-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Plan Maintenance

**Hazards:** E, L, V, D, F, WUI, SW<sup>1</sup>, MM<sup>2</sup>

Buckley will adopt those processes outlined in the Plan Maintenance Section of this Plan.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Preserve or Restore Natural Resources; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = City of Buckley - Administration
5. **Timeline** = Ongoing
6. **Benefit** = City-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

# Hazard Mitigation Forum

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## Pierce County Hazard Mitigation Forum

**Hazards:** E, L, V, D, F, WUI, SW<sup>1</sup>, MM<sup>2</sup>

Buckley will work in conjunction with the County through the Pierce County Hazard Mitigation Forum (HMF). The Forum will continue as a means of coordinating mitigation planning efforts among all jurisdictions within the County that have completed a mitigation plan. This ensures efficient use of resources and a more cooperative approach to making a disaster resistant county. The HMF meets annually; every October. This is addressed in the Plan Maintenance Section of this Plan.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Preserve or Restore Natural Resources; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = Minor
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = PC DEM; City of Buckley
5. **Timeline** = Ongoing
6. **Benefit** = Regional
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

# City Government Mitigation Measures

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## Capability Identification and Evaluation

**Hazards:** E, L, V, D, F, WUI, SW<sup>1</sup>, MM<sup>2</sup>

Buckley will develop a consistent and replicable system for evaluating the City's capabilities. A comprehensive evaluation will lead to specific policy recommendations to more effectively achieve disaster resistant communities. Further, a capability evaluation involves measurable variables so that capabilities may eventually be tracked in conjunction with the implementation of all mitigation measures. This is a key component in evaluating the success of the City's overall mitigation strategy.

1. **Goal(s) Addressed** = N/A. Goals addressed are contingent upon the mitigation measures resulting from this priority.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = City of Buckley
5. **Timeline** = Short-term
6. **Benefit** = City-Wide
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Underground Utilities Project

**Hazards:** E, SW<sup>1</sup>

Buckley will work in conjunction with Pierce County and local utility providers to encourage the placement of all utilities (i.e. power lines) underground. This will limit potential damage to infrastructure as well as the damage that the infrastructure could cause to life and property. Where this is not economically feasible for the utility provider, homeowners could have the option to have their utilities placed underground through an individualized rate structure.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Establish and Strengthen Partnerships for Implementation; Increase Public Preparedness for Disasters; Promote a Sustainable Economy.
2. **Cost of Measure** = Cost will vary depending on site and utility.
3. **Funding Source and Situation** = Funding could be obtained through local budget and grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Planning Department
5. **Timeline** = Long-term
6. **Benefit** = Community and City Operations with Utility Providers
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal would benefit those affected, with no adverse reaction from others.

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## Shelter Evaluation and Maintenance

**Hazards:** E, L, V, D, F, WUI, SW<sup>1</sup>, MM<sup>2</sup>

Buckley will work in conjunction with Red Cross, Pierce County, Washington State Department of Health, Rainier School and the White River School District to incorporate designated shelters into its evaluation of critical facilities. An ongoing facility maintenance program will be implemented to ensure that the shelter is in adequate functional status. An evaluation and inventory of shelter supplies will also be completed.

1. **Continuity of Operations** = Protect Life and Property; Ensure Continuity of Operations; Establish and Strengthen Partnerships for Implementation; Increase Public Preparedness for Disasters.
2. **Cost of Measure** = Will vary from site to site depending on facility and capacity.
3. **Funding Source and Situation** = Funding could be obtained through local budget and grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Department of Emergency Management
5. **Timeline** = Ongoing
6. **Benefit** = City of Buckley community and City Operations
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Critical Facilities – Auxiliary Power

**Hazards:** E, V, D, SW<sup>1</sup>

Buckley will purchase and install generators for all identified critical facilities without adequate generators.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Increase Public Preparedness for Disasters; Promote a Sustainable Economy.
2. **Cost of Measure** = Will vary depending on the capacity required by each facility.
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Individual Departments
5. **Timeline** = Long-term
6. **Benefit** = City of Buckley community and City Operations
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal would benefit those affected, with no adverse reaction from others.

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## Water Transmission Main Replacement

**Hazards:** E, L, V, D, F, SW, WUI<sup>1</sup>

Buckley will work to develop construction plans and seek funding to replace the entire 6.5 mile water transmission main from our South Prairie Creek surface diversion to the city's reservoirs.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Preserve or Restore Natural Resources; Promote a Sustainable Economy.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budgets or grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Administration
5. **Timeline** = Long-Term
6. **Benefit** = Environment, Community and City Operations
7. **Life of Measure** = 75 years
8. **Community Reaction** = the proposal would be somewhat controversial.

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## Water Reservoir Construction

**Hazards:** E, L, V, D, F, SW, WUI<sup>1</sup>

The City will work in conjunction with Washington State Department of Social and Health Services to develop construction plans and seek funding to construct a second water system storage reservoir to eliminate vulnerability from having only one storage reservoir and transmission line.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or state and federal grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Administration
5. **Timeline** = Long-term
6. **Benefit** = Community and City Operations
7. **Life of Measure** = 75 years
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Natural Gas System EFV Retrofit

**Hazards:** E, L, SW<sup>1</sup>

The City will work to develop a retrofit program to install Excess Flow Valves on all new natural gas service lines and on existing lines when exposed to minimize pressure and gas loss during a line break.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Ensure Continuity of Operations.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Public Works (Natural Gas Dept.)
5. **Timeline** = Ongoing
6. **Benefit** = Community and City Operations
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal would benefit those affected, with no adverse reaction from others.

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## Critical Facilities – Seismic Evaluation

**Hazards:** E, SW<sup>1</sup>

The City will evaluate critical facilities not meeting current code to determine their earthquake structural integrity. This requires preparation of information to allow budgeting for renovation of those facilities that are not up to current code or have structural deficiencies that have developed over the years.

1. **Goal(s) Addressed** = Protect Life and Property; Promote A Sustainable Economy; Provide/Ensure Continuity of Operations.
2. **Cost of Measure** = TBD – will vary depending on each site
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = City of Buckley Building Department
5. **Timeline** = Long-term
6. **Benefit** = Community and City Operations
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Tree Maintenance Program

**Hazards:** E, F, SW, WUI<sup>1</sup>

The City will develop and implement a program to trim tree branches and cut down trees which threaten the safety of either citizens or the public infrastructure.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Promote A Sustainable Economy.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Public Works Department
5. **Timeline** = Ongoing
6. **Benefit** = Community and City Operations
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal would be somewhat controversial.

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## White River Pedestrian Bridge

**Hazards:** E, V, F, SW<sup>1</sup>

The City will work in conjunction with Pierce County and King County to develop construction plans and seek funding to construct a foothills trail non-motorized bridge across the White River that will serve as a secondary emergency access should the SR410 bridge fail.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Promote A Sustainable Economy; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budgets or grants and federal or state grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Administration
5. **Timeline** = Long-term
6. **Benefit** = Environment, Community and City Operations
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal would be somewhat controversial.

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## Surface Water Reductions – Low Impact Developments

**Hazards:** E, L, D, F, SW<sup>1</sup>

The City may develop and implement Low-Impact Development Standards, and will continue to encourage Low-Impact Development through model projects. This helps to reduce peak flows commonly associated with increased impervious cover.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Preserve or Restore Natural Resources.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants and state or federal grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Planning and Public Works Departments
5. **Timeline** = Long-term
6. **Benefit** = Environment, Community and City Operations
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal would be somewhat controversial.

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## Departmental Continuity of Operations Plans (COOPs)

**Hazards:** E, L, V, D, F, SW, WUI<sup>1</sup>, MM<sup>2</sup>

Each City Department will develop and implement a Continuity of Operations Plan.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations.
2. **Cost of Measure** = TBD – Staff time and printing costs.
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants and state or federal grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Individual Departments
5. **Timeline** = Short-term
6. **Benefit** = City Departments, Staff and Citizens
7. **Life of Measure** = Perpetual with updates
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Essential Records Protection Plan

**Hazards:** E, V, F, SW, WUI<sup>1</sup>, MM<sup>2</sup>

The City will ensure all essential records are protected by means of a safe back-up. The Plan will be developed and executed containing an essential records protection schedule with procedures for records disaster prevention, response and recovery.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Establish and Strengthen Partnerships for Implementation; Promote a Sustainable Economy.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budgets or grants and state or federal grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Administration
5. **Timeline** = Long-term
6. **Benefit** = Community and City Operations
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal would benefit those affected, with no adverse reaction from others.

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## Identification of Vulnerable Citizens and Population

**Hazards:** E, V, D, F, SW, WUI<sup>1</sup>, MM<sup>2</sup>

Identify vulnerable citizens and their emergency and special needs as part of a pre-planning process so that at time of disaster most vulnerable populations can be most effectively served.

1. **Goal(s) Addressed** = Protect Life and Property; Establish and Strengthen Partnerships for Implementation.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = City of Buckley - Police, Fire and Utility Departments.
5. **Timeline** = Short-term
6. **Benefit** = City Operations and citizens served by such facilities.
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal would benefit those affected, with no adverse reaction from others.

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## Security and Access Control to Critical Facilities

**Hazards:** E, V, D, F, SW, WUI<sup>1</sup>, MM<sup>2</sup>

Identify and determine which critical facilities require access controls for security purposes to prevent unauthorized access, protect the security of city staff and city owned infrastructure, and develop a means of enforcement.

1. **Goal(s) Addressed** = Protect Life and Property; Establish and Strengthen Partnerships for Implementation; Promote A Sustainable Economy.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = City of Buckley - Police, Fire and Utility Departments
5. **Timeline** = Short-term
6. **Benefit** = City Operations and Citizens served by such facilities.
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal would be somewhat controversial.

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## Formalize Mutual-Aid & Inter-Local Cooperation Agreements with Public Partners.

**Hazards:** E, L, V, D, F, SW, WUI<sup>1</sup>, MM<sup>2</sup>

The City will formalize written Mutual-Aid and governmental Inter-Local Cooperation Agreements to reciprocate, receive and offer assistance between the city and local/regional governmental resources.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Establish and Strengthen Partnerships for Implementation; Preserve or Restore Natural Resources; Promote A Sustainable Economy.
2. **Cost of Measure** = TBD – Staff time
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = City of Buckley - Administration
5. **Timeline** = Ongoing
6. **Benefit** = City Operations
7. **Life of Measure** = Varies
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

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## Continued Wastewater Treatment Facility NPDES Permit Compliance

**Hazards:** E, V, F, SW<sup>1</sup>

The City will work in conjunction with DOE, the City of Enumclaw and the City of Sumner to ensure that emergency supplies and equipment are inventoried and on hand to enable respective communities to remain in compliance with their Wastewater Treatment Facilities NPDES permits in the event of a natural disaster.

1. **Goal(s) Addressed** = Protect Life and Property; Ensure Continuity of Operations; Establish and Strengthen Partnerships for Implementation; Preserve or Restore Natural Resources; Promote a Sustainable Economy.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = City of Buckley - Administration
5. **Timeline** = Short-term
6. **Benefit** = All receiving waters and downstream users
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal is likely to be endorsed by the entire community.

# Public Education Mitigation Measures

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## Neighborhood and Community Emergency Response Teams

**Hazards:** E, V, D, F, SW, WUI<sup>1</sup>, MM<sup>2</sup>

The City will develop Neighborhood and Community Emergency Response Teams, training and organizing citizens to prepare and mutually assist each other during times of pre-disaster planning, disaster response, and disaster recovery.

1. **Goal(s) Addressed** = Protect Life and Property; Establish and Strengthen Partnerships for Implementation, Increase Public Preparedness for Disasters; Promote a Sustainable Economy.
2. **Cost of Measure** = TBD
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants and state or federal grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Department of Emergency Management, assisted by Fire and Law Enforcement.
5. **Timeline** = Long-term
6. **Benefit** = Citizens, City Operations
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal would be endorsed by the entire community.

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## Community Public Preparedness Events

**Hazards:** E, V, F, SW, WUI<sup>1</sup>, MM<sup>2</sup>

The City will take advantage of the three major community events: The Buckley Log Show, Flashback Car Show, and Fall Festival to display and distribute educational materials and answer questions regarding individual, family and business emergency preparedness.

1. **Goal(s) Addressed** = Protect Life and Property; Increase Public Preparedness for Disasters; Promote A Sustainable Economy...
2. **Cost of Measure** = \$5,000 annually
3. **Funding Source and Situation** = Funding could be obtained through local budget or grants and state or federal grants.
4. **Lead Jurisdiction(s)** = City of Buckley - Individual Departments
5. **Timeline** = Short-term
6. **Benefit** = Citizens and First Responders
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal would benefit those affected, with no adverse reaction from others.

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## NOAA Radio Program

**Hazards:** E, V, D, F, SW, WUI<sup>1</sup>, MM<sup>2</sup>

Encourage, and assist when possible, with the acquisition and maintained operation of NOAA Radios at all city owned facilities and in privately owned residences and businesses. The NOAA Radio system provides a means for early and emergency notification of known and potential hazards.

1. **Goal(s) Addressed** = Protect Life and Property; Increase Public Preparedness for Disasters.
2. **Cost of Measure** = TBD <\$500 for City Facilities.
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = City of Buckley - Department of Emergency Management
5. **Timeline** = Short-term
6. **Benefit** = Citizens
7. **Life of Measure** = 5 years
8. **Community Reaction** = the proposal would benefit those affected, with no adverse reaction from others.

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## Earthquake Home Retrofit Program

**Hazards:** E<sup>1</sup>

The City will implement a program to educate property owners of stick framed homes constructed prior to 1970 ERA codes and manufactured homes prior to 1986 about the potential hazards of these types of structures not being secured to their foundations. The program will include education materials and resource information encouraging these property owners to take corrective action.

1. **Goal(s) Addressed** = Protect Life and Property; Establish and Strengthen Partnerships for Implementation; Promote a Sustainable Economy.
2. **Cost of Measure** = TBD – Staff time and education materials.
3. **Funding Source and Situation** = Funding could be obtained through local budget.
4. **Lead Jurisdiction(s)** = City of Buckley - Building and Planning Department
5. **Timeline** = Ongoing
6. **Benefit** = Citizens
7. **Life of Measure** = Perpetual
8. **Community Reaction** = the proposal would benefit those affected, with no adverse reaction from others.

# Endnotes

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<sup>1</sup> Hazard Codes:

Where necessary, the specific hazards addressed are noted as follows:

<b>A:</b>	Avalanche
<b>E:</b>	Earthquake
<b>F:</b>	Flood
<b>D:</b>	Drought
<b>T:</b>	Tsunami
<b>V(L OR T):</b>	Volcanic (lahar or tephra-specific)
<b>SW:</b>	Severe Storm (wind-specific)
<b>L:</b>	Landslide
<b>WUI:</b>	Wildland/Urban Interface Fire
<b>MM:</b>	Manmade to include terrorism
<b>ALL:</b>	All hazards, including some man made. Where only natural hazards are addressed, it is noted.

<sup>2</sup> While this Plan is strictly a *Natural* hazard mitigation plan, where a measure stems from a facility recommendation (Infrastructure Section) that deals specifically with terrorism, the mitigation strategy will use that analysis. Other measures, such as those that deal with multi-hazard community preparedness or recovery planning, mitigate man-made hazards and are noted as such. It is not the intent of this notation to imply that all measures were analyzed with regards to man-made hazards or that measures were identified with that in mind. Rather, the notation merely illustrates the potential on this template for the inclusion of man-made hazard analysis.