

June 12, 2024

Overarching Environment Goals

New Goal	New Policy	New Action	Initial Staff Proposed Language	Staff Notes	Old Goal	Old Policy	Old Action	Current Goal, Policy, or Action	Planning Commission Notes
C-1			Use best available science when developing and implementing environmental management policies and regulations.	<p>New goal.</p> <p>Refer to the PSRC Policy Strength Continuum to include conditions for success and specific examples.</p> <p>Best available science is defined in the Comprehensive Plan glossary.</p> <p>Best Available Science (BAS) – Washington State Law requires that the best available science should be used to inform decision makers and staff. Best available is scientific information that is acquired through a rigorous and valid scientific process.</p>	C-1			Recognize the significant role played by natural features and systems in determining the overall environmental quality and livability of Tumwater.	
	C-1.1		Wetlands, streams, shorelines of the state, fish and wildlife habitats, aquifers and critical aquifer recharge areas including wellhead protection areas, frequently flooded areas, geologically hazardous areas, and fish and wildlife habitat conservation areas are designated as environmentally sensitive areas in accordance with the Growth Management Act to protect the functions and values of these critical areas as well as to protect against threats to health, safety, and property.	<p>Updated current policy.</p> <p>TMC 16.24.030 defines Critical aquifer recharge areas the same way the RCW defines it; could add this to the Comprehensive Plan glossary.</p> <p>RCW states “Areas with a critical recharging effect on aquifers used for potable water.”</p>	C-2			Designate and protect critical areas including wetlands, critical aquifer recharge areas, frequently flooded areas, geologically hazardous areas, and fish and wildlife habitat conservation areas in accordance with the Growth Management Act to protect the functions and values of these areas as well as to protect against threats to health, safety, and property.	Commissioner Kirkpatrick – No action for Policy C-1.1. Possible C-1.1.1. Maintain up-to-date listing of related best available science.
	C-1.2		Base regulations on the best available science to protect and enhance the functions and values of environmentally sensitive areas.	Split original Policy C-2.1 into C-1.2 and C-4.2		C-2.1		Include best available science in developing policies and development regulations to protect the functions and values of critical areas and consider conservation or protection measures necessary to preserve or enhance anadromous fisheries, consistent with the Growth Management Act.	
		C-1.2.1	<i>Require and enforce mitigation to ensure no net loss of critical area functions.</i>	<p><i>Converted policy to implementation action.</i></p> <p><i>Primary responsibility: Staff</i></p> <p><i>Timeline: Ongoing</i></p>		C-2.5		<i>Require and enforce mitigation to ensure no net loss of critical area functions.</i>	

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		C-1.2.2	Use incentive programs, acquisition, appropriate regulations, and other techniques to preserve critical areas as permanent open space where development may pose hazards to health, property, or important ecological functions.	Converted policy to implementation action.  Primary responsibility: Staff Timeline: Ongoing		C-2.2		Use incentive programs, acquisition, appropriate regulations, and other techniques to preserve critical areas as permanent open space where development may pose hazards to health, property, or important ecological functions.	
		C-1.2.3	In reviewing development proposals that may have an impact on any sensitive areas, consult with a qualified third party biologist and/or licensed engineer to assess potential impacts and recommend development alternatives or mitigation.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-1.3		Protect the ecological integrity of the natural environment while allowing for compatible growth and development	Protecting "ecological integrity of the natural environment" could be done in part by regulation and using a future ecosystem services asset inventory to track. Consider it an implementation action by defining ecosystem integrity.		C-1.1		Protect the ecological integrity of the natural environment while allowing for compatible growth and development	
		C-1.3.1	When updating development regulations review in conjunction with critical areas regulations to ensure compatibility.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-1.4		Make low impact development the preferred and commonly used approach to development.	New policy.					
		C-1.4.1	Adopt current low impact development manuals, policies, development standards, regulations, and techniques.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-1.5		Use studies and plans such as the most recent version of the adopted <i>Natural Hazards Mitigation Plan for Thurston County</i> , the <i>Tumwater Urban Forestry Management Plan</i> , and <i>Thurston Climate Mitigation Plan</i> to inform policy and regulation development and implementation.	Updated and expanded current policy.		C-1.4		Implement the mitigation goals, objectives, and initiatives contained in the most recent version of the adopted <i>Natural Hazards Mitigation Plan for Thurston County</i> .	Commissioner Kirkpatrick – No Action for Policy C-1.5 Possible Action C-1.5.1. Update and expand related regulations as required.

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C-2			Promote conservation of natural resources and the protection of the environment in cooperation with residents, business owners, schools, affected jurisdictions, and tribes.	New goal.		C-1.2		Promote conservation of natural resources and the environment in cooperation with residents, business owners, schools, affected jurisdictions, and tribes.	
	C-2.1		Support education programs in the community that outline the need for natural resource conservation and protection of critical areas and look to create opportunity for community action.	New policy to capture educational component of policies and regulations.		C-1.3		Encourage and support active measures to protect and enhance Tumwater’s natural environment.	
		C-2.1.1	Support the work of the Stream Team.	New implementation action  Primary responsibility: Water Resources & Sustainability Department Timeline: Ongoing					
		C-2.1.2	Support the work for the City Tumwater Green Team.	New implementation action  Primary responsibility: City Green Team Timeline: Ongoing					
		C-2.1.3	Support water conservation messaging and outreach.	New implementation action  Primary responsibility: Water Resources & Sustainability Department Timeline: Ongoing					
		C-2.1.4	Support water quality messaging and outreach for wellhead and source protection.	New implementation action  Primary responsibility: Water Resources & Sustainability Department Timeline: Ongoing					
C-3			Enhance water quality	New goal.  Refer to WDFW Riparian Ecosystems, Volume 2: Management Recommendations (December 2020)					

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	C-3.1		Protect and enhance water quality by preserving the amenity and ecological functions of water features through land use plans, innovative land development, public education, and stormwater regulations.	New policy.  Refer to Puget Sound National Estuary Program, Sound Choices Implementation Checklist (June 2023)					
		C-3.1.1	Work with LOTT to enable sewer services for new development and to convert existing septic systems to sewer.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
		C-3.1.2	Require adequate stormwater treatment and flow control for new development, including low impact development techniques.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
		C-3.1.3	Update development codes to require and implement low impact development provisions.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
		C-3.1.4	Work with the Tumwater and Olympia School Districts, LOTT, community based organizations, and other local entities to educate the public in how to maintain water quality.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-3.2		Support restoration of river and stream channels and associated wetland and riparian areas to enhance water quality, improve fish and wildlife habitat, and mitigate flooding and erosion.	Current policy.  Refer to WDFW Riparian Management Zone Checklist for Critical Areas Ordinances: A Technical Assistance Tool (April 2023)  Refer to WDFW Riparian Management Zone Checklist for Critical Areas Ordinances – Addendum (August 2023)		C-2.6		Support restoration of river and stream channels and associated wetland and riparian areas to enhance water quality, improve fish and wildlife habitat, and mitigate flooding and erosion.	Commissioner Kirkpatrick – No Action for Policy C-3.2. Possible C-3.2.1. Develop guidelines to implement Policy
	C-3.3		Allow public access to wetlands, streams, and lakes for scientific, educational, and recreational use, provided the public access is carefully sited, sensitive habitats and species are protected, and hydrologic continuity is maintained.	Current policy.		C-2.7		Allow public access to wetlands, streams, and lakes for scientific, educational, and recreational use, provided the public access is carefully sited, sensitive habitats and species are protected, and hydrologic continuity is maintained.	Commissioner Kirkpatrick – No Action for Policy C.3.3 Possible C-3.3.1. Inspect every 5 years. Identify water quality issues. Develop repair actions.

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	C-3.4		Manage water resources to preserve ecosystem services, while addressing fish and wildlife habitat, flood protection, water supply, recreation, and open space.	New policy.					
		C-3.4.1	<i>Enforce regulations that protect water resources while allowing recreational and cultural use of those resources.</i>	<i>New implementation action</i>  <i>Primary responsibility: Staff</i> <i>Timeline: Ongoing</i>  <i>Ensure TMC has best practices and regulations for recreation/building trails in critical areas.</i>					Commissioner Kirkpatrick – Add: Review and improve existing regulations.
		C-3.4.2	<i>Implement and update the Salmon Creek Basin Plan.</i>	<i>New implementation action</i>  <i>Primary responsibility: Staff</i> <i>Timeline: Ongoing</i>					
		C-3.4.3	<i>Monitor storm drain outfalls and pursue corrective actions, as necessary.</i>	<i>New implementation action</i>  <i>Primary responsibility: Staff</i> <i>Timeline: Ongoing</i>					
	C-3.5		Work with the City of Olympia, Thurston County, and other affected entities to enhance and protect water quality in the region guided by the Deschutes River Study.	New policy.  Confirm study name.					
		C-3.5.1	<i>Coordinate implementation strategies and regulations with the City of Olympia and Thurston County.</i>	<i>New implementation action</i>  <i>Primary responsibility: Staff</i> <i>Timeline: Ongoing</i>					
C-4			<b>Enhance Natural Drainage Systems</b>	<b>New goal.</b>  <b>Consider how to incorporate multiuse open space requirements into stormwater management using ecological and recreation methods.</b>					
	C-4.1		Develop Watershed Management Plans in partnership with other jurisdictions who are also part of the same watershed.	New policy.					

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		C-4.1.1	Work with the City of Olympia and Thurston County to ensure that regulations regarding surface water management provide for consistent surface water management.	New implementation action  Primary responsibility: City Council and Staff Timeline: Ongoing					
		C-4.1.2	Continue involvement with watershed planning efforts through participation in the Salmon Creek Basin and WRIA 13 watershed planning efforts.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-4.2		Develop conservation or protection measures necessary to preserve or enhance anadromous fish habitat, consistent with the Growth Management Act.	Split original Policy C-2.1 into C-1.2 and C-4.2.  Do we also want an action/policy regarding the habitat needs of Oregon spotted frog which can conflict with the habitat needs of salmon?		C-2.1		Include best available science in developing policies and development regulations to protect the functions and values of critical areas and consider conservation or protection measures necessary to preserve or enhance anadromous fisheries, consistent with the Growth Management Act.	Commissioner Kirkpatrick – No Action for Policy C-4.2 Possible Action C-4.2.1. Implement measures.
	C-4.3		Protect and enhance natural drainage systems to maintain and improve water quality and reduce public costs.	New policy.					
	C-4.4		Prevent environmental degradation by using best management practices and current stormwater treatment and flow control standards on new and redevelopment projects.						
		C-4.4.1	Enforce regulations that prohibit or minimize the degradation of the natural drainage systems.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-4.5		Use current State approved stormwater treatment and flow control standards on development and construction projects.	New policy.					

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		C-4.5.1	Enforce regulations and methods that would protect quality and reduce stormwater runoff entering Tumwater’s stormwater system, streams, and wetlands.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-4.6		Require resource industries to use management practices that prevent erosion and sedimentation and pollutants from entering ground or surface waters following State regulations.	New policy.					
		C-4.6.1	Enforce regulations and methods that minimize the amount of erosion, sedimentation, and water pollutants created by resource industries.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
C-5			Improve Air Quality	New goal.  Should we investigate wildfire hazards and air quality hazards?					
	C-5.1		Continue to support and rely on the various State, federal, and local programs to protect and enhance air quality.	New policy.					
		C-5.1.1	Work with the Olympic Region Clean Air Agency and with Federal and State agencies to ensure that air quality is improved and protected within Tumwater.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-5.2		Require tree and vegetation retention and landscaping to provide filtering of suspended particulates.	New policy.  Also applies to stormwater.					
		C-5.2.1	Enforce tree and vegetation retention and landscape codes that allow the use of existing vegetated areas for biofiltration.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-5.3		Support public transportation, non-motorized transportation, and transportation demand management programs to reduce vehicle miles traveled, greenhouse gas emissions, and other locally generated air pollutants.	New policy.					

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		C-5.3.1	Work with local employers to adopt transportation demand management programs to encourage their employees to use alternative forms of transportation to reduce vehicle trips and emissions.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
		C-5.3.2	Enforce regulations that require new development to adopt transportation demand management programs.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					

Environmentally Sensitive Areas

New Goal	New Policy	New Action	Initial Staff Proposed Language	Staff Notes	Old Goal	Old Policy	Old Action	Current Goal, Policy, or Action	Planning Commission Notes
C-6			Protect Streams and Lakes	New goal.					
	C-6.1		When impacts from new development cause the loss of natural functions or wildlife habitat, require that environmental protections be implemented and monitored for success.	New policy.					
		C-6.1.1	Enforce regulations that mandate a minimum buffer area around rivers, streams, lakes, and wetlands following state guidance.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-6.2		Preserve, protect, enhance, and restore natural stream channels for their hydraulic, ecological, and aesthetic functions through development regulations, land dedications, easements, incentives, acquisition, restoration planning, and other means as adjacent development activities occur.	New policy to replace old.  This is also an NPDES requirement through the new Stormwater Management for Existing Development (SMED) section. Option - Include this as a new action “meet the SMED goals as identified in the 2024-2029 NPDES Permit.		C-2.20		Promote the enhancement or restoration of streams, rivers, lakes, and wetlands as adjacent development activities occur.	
		C-6.2.1	Enforce regulations that protect natural stream channels.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					



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	C-6.3		Use State standards and guidance for the selection of best management practices and techniques for in-channel and in-water construction to protect and restore fish passage and wildlife habitat in natural waterways.	New policy.					
		C-6.3.1	Update regulations to reference State standards and guidance for in-channel and/ or in-water construction.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-6.4		Rehabilitate degraded stream channels and banks by using public programs and new development or redevelopment, where conditions permit. Require any necessary alteration of creeks to include mitigation and ongoing maintenance which at a minimum address water quality, floodplain protection, fish and wildlife habitat, channel stability, vegetative cover, maintenance of instream flows, and impacts to downstream property owners.	New policy.					
		C-6.4.1	Work with the school district, nonprofit organizations, and other public agencies to implement programs to rehabilitate streams and creeks. Such programs could be implemented separately or combined and may include: <ul style="list-style-type: none"><li>Establishing a school curriculum from K-12 that would adopt and rehabilitate a creek.</li><li>Working with public agencies or a nonprofit agency, such as the Adopt- A-Stream Foundation, in coordination with school programs.</li></ul>	New implementation action  Primary responsibility: Staff Timeline: Ongoing					

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	C-6.5		Require the use of stormwater infiltration techniques where feasible in private and public developments to maintain or restore natural flows in streams and protect aquatic habitat and recreation resources.	New policy.					
		C-6.5.1	Update development codes to prioritize use of low impact development techniques.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
		C-6.5.2	Retain existing wetlands, natural drainage systems, and their associated buffers on the site of new development and require the maintenance of natural features.	New implementation action  Primary responsibility: Staff Timeline: Ongoing  Maintenance would be through monitoring, bonds, and other mechanisms.					
C-7			Enhance Wetlands	New goal.					
	C-7.1		Protect wetlands not as isolated units, but as ecosystems that provide essential services, and their functionality within watersheds.	Current policy.		C-2.8		Protect wetlands not as isolated units, but as ecosystems, and essential elements of watersheds.	Commissioner Kirkpatrick – No Action for Policy C-7.1 Possible Action C-7.1.1. Develop and make available guidance to accomplish.
	C-7.2		Preserve and enhance unique, outstanding, peat, sphagnum, forested, or significant wetlands from adjacent new development by providing a buffer around the wetland adequate to protect its natural functions. Encroachments into wetlands would be allowed when no feasible alternative exists, and enhancements are provided to replace the lost wetland’s functions and values.	New policy.  Process for determining “no feasible alternative” is in TMC 16.28.230.					
		C-7.2.1	Enforce development regulations for wetlands.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					

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	C-7.3		Develop public access to wetlands for scientific and recreational use where sensitive habitats are protected.	New policy.  16.28.110(B) defines recreational use as “Outdoor recreational activities, including fishing, birdwatching, hiking, boating, horseback riding, swimming, canoeing, and bicycling;”					
		C-7.3.1	<i>Develop regulations allowing public access to sensitive areas habitat in line with State law; provided that such access does not impact the functions of the habitat areas.</i>	<i>New implementation action  Primary responsibility: Staff Timeline: Ongoing</i>					
	C-7.4		Allow reasonable use of property containing existing wetlands to avoid a regulatory taking following State guidance.	New policy.  TMC 16.28.190 describes the intended process.					
		C-7.4.1	<i>Enforce regulations that allow the reasonable use of property as defined by State law.</i>	<i>New implementation action  Primary responsibility: Staff Timeline: Ongoing</i>					
	C-7.5		Stormwater treatment and flow control sites associated with wetlands, must be maintained in a manner that ensures the ecological functions of the wetland to minimize impacts to critical area habitat.	New policy.					
		C-7.5.1	<i>Enforce regulations that would ensure the water level fluctuations within wetland areas due to stormwater treatment and flow control objectives are maintained like natural conditions as part of new development.</i>	<i>New implementation action  Primary responsibility: Staff Timeline: Ongoing</i>					
C-8			<b>Protect Groundwater</b>	<b>New goal.</b>					
	C-8.1		Protect aquifers, aquifer recharge areas, and wellhead protection areas from contamination.	Updated current policy.		C-2.9		Protect the quality and quantity of groundwater used for public water supplies.	

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		C-8.1.1	Work with the State Department of Ecology and others to delineate aquifer recharge areas and determine if additional regulations to protect these areas are needed.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
		C-8.1.2	Update wellhead protection plan as new source locations are considered or implemented.	New implementation action  Primary responsibility: Water Resources and Sustainability Department Timeline: Ongoing					
	C-8.2		Protect streams, wetlands, and lakes that serve to recharge aquifers from contamination.	New policy.					
		C-8.2.1	Enforce regulations to minimize impacts from new development.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
C-9			Protect Geological Hazardous Areas, such as Steep Slope, Landslide, Erosion, and Seismic Hazard Areas	New goal.					
	C-9.1		Regulate development intensity, site coverage, and vegetation removal in geologically hazardous areas to minimize drainage problems, soil erosion, siltation, and landslides.	Current policy.  Refer to the Thurston Hazards Mitigation Plan.		C-2.13		Regulate development intensity, site coverage, and vegetation removal in geologically hazardous areas in order to minimize drainage problems, soil erosion, siltation, and landslides.	Commissioner Kirkpatrick – No Action for Policy C-9.1 Possible Action C-9.1.1. Maintain up-to-date regulations for these items.
	C-9.2		Minimize soil disturbance and maximize retention and replacement of native vegetative cover, such as trees, for any land uses permitted in erosion and landslide hazard areas.	Current policy.		C-2.14		Minimize soil disturbance and maximize retention and replacement of native vegetative cover for any land uses permitted in erosion and landslide hazard areas.	Commissioner Kirkpatrick – No Action for Policy C-.2
	C-9.3		Design land use development to prevent property damage and environmental degradation and enhance greenbelt and wildlife habitat values.	New policy.					
		C-9.3.1	Enforce regulations to minimize impacts from new development.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					

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	C-9.4		Decrease development intensity as slopes increase to mitigate problems of drainage, erosion, siltation, and landslides. Retain slopes of 40 percent or more in a natural state, free of structures and roads. Ensure that developments that create slopes of 40 percent or more provide appropriate drainage, erosion, siltation, and landslide mitigation measures.	New policy.					
		C-9.4.1	Enforce regulations that would limit or prohibit development on geologically hazardous areas.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					Commissioner Kirkpatrick – Does “limit” accomplish Policy to “preserve?” Why not change Policy to “limit?”
	C-9.5		Require erosion and sedimentation prevention best management practices be used on construction projects.	New policy.					
		C-9.5.1	Enforce regulations that require construction practices to reduce or prevent erosion and sedimentation in erosion hazard areas.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-9.6		Require appropriate engineering, building design, and construction measures to minimize the risk of structural damage and fire and injury to occupants, and to prevent post-seismic collapse in areas with severe seismic hazards.	New policy.  This would include geotechnical engineering studies.					
		C-9.6.1	Enforce building and fire codes that require construction to standards that account for the severity and frequency of seismic activity in the south Puget Sound area.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-9.7		Encourage special building design and construction measures in areas with severe seismic hazards to minimize the risk of structural damage, fire, and injury to occupants during a seismic event and to prevent post-seismic collapse.	Modify current version of policy.		C-2.15		Encourage special building design and construction measures in areas with severe seismic hazards to minimize the risk of structural damage, fire, and injury to occupants during a seismic event and to prevent post-seismic collapse.	

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		C-9.7.1	Enforce building and fire codes that require construction to standards that account for the severity and frequency of seismic activity in the south Puget Sound area.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					Commissioner Kirkpatrick – Same as Action C-9.7.1
C-10			Preserve Floodplains	New goal.					
	C-10.1		Prevent land alterations that would increase potential flooding and minimize the alteration of natural surface water features that retain or carry floodwaters, such as wetlands, floodplains, rivers, streams, and lakes.	Current policy.		C-2.10		Prevent land alterations that would increase potential flooding and minimize the alteration of natural surface water features that retain or carry floodwaters, such as wetlands, floodplains, rivers, streams, and lakes.	Commissioner Kirkpatrick – No Action for Policy C-10.1 How are we going to accomplish this?
	C-10.2		Require mitigation for adverse environmental impacts from engineered flood control measures.	Current policy.		C-2.11		Require mitigation for adverse environmental impacts from engineered flood control measures.	Commissioner Kirkpatrick – No Action for Policy C-10.2 Possible Action C-10.2.1. Develop mitigation opportunities
	C-10.3		Work cooperatively to meet regulatory standards for floodplain development as these standards are updated for consistency with relevant federal requirements including those related to the Endangered Species Act.	Current policy.		C-2.12		Work cooperatively to meet regulatory standards for floodplain development as these standards are updated for consistency with relevant federal requirements including those related to the Endangered Species Act.	Commissioner Kirkpatrick – No Action for Policy C10.3 Education Action?
	C-10.4		Emphasize non-structural methods in planning for flood prevention and damage reduction. Design new developments or land modifications in the 100-year floodplains to maintain natural flood storage functions and minimize hazards.	New policy.					Commissioner Kirkpatrick – No Action for Policy C-10.4 Possible Action 10.4.1. Develop and adopt regulations that guide design.
	C-10.5		Protect 100-year floodplains by limiting development and encouraging low-impact uses such as open space, trails, and parks, locating roads and structures above the 100-year flood level, and requiring new development to replace existing flood storage capacity lost due to filling.	New policy.					

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		C-10.5.1	<i>The Federal Emergency Management Agency designates floodplain areas. Enforce regulations that restrict development in such areas.</i>	<i>New implementation action</i>  <i>Primary responsibility: Staff</i> <i>Timeline: Ongoing</i>					
	C-10.6		Allow no permanent structures within the floodway due to risks associated with deep and fast-flowing waters unless appropriate flood control measures have been taken. Allow no land uses in a floodway that would divert water from the floodway, change flood elevation or obstruct natural flow, unless appropriate flood control measures have been taken such that there are no additional offsite impacts and no degradation of water quality. Allow no development in the floodway fringe that would reduce the existing level of flood storage.	New policy.					
		C-10.6.1	<i>The Federal Emergency Management Agency designates floodplain areas. Enforce regulations that restrict development in such areas.</i>	<i>New implementation action</i>  <i>Primary responsibility: Staff</i> <i>Timeline: Ongoing</i>					
C-11			<b>Enhance Wildlife Habitat</b>	<b>New goal.</b>					
	C-11.1		Identify, protect, and enhance fish and wildlife habitat corridors to minimize habitat fragmentation, especially along existing linkages and in patches of native habitat by enhancing vegetation composition and structure and incorporating indigenous plant species compatible with the site.	Modify current version of policy.		C-2.21		Protect wildlife corridors to minimize habitat fragmentation, especially along existing linkages and in patches of native habitat by enhancing vegetation composition and structure, and incorporating indigenous plant species compatible with the site.	
		C-11.1.1	<i>Continue to update and enforce regulations that protect wildlife habitat areas for endangered or threatened species.</i>	<i>New implementation action</i>  <i>Primary responsibility: Staff</i> <i>Timeline: Ongoing</i>					
		C-11.1.2	<i>Continue to update and enforce regulations that would require buffer areas adjacent to wetlands, streams and creeks, and steep slope areas.</i>	<i>New implementation action</i>  <i>Primary responsibility: Staff</i> <i>Timeline: Ongoing</i>					

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New Goal	New Policy	New Action	Initial Staff Proposed Language	Staff Notes	Old Goal	Old Policy	Old Action	Current Goal, Policy, or Action	Planning Commission Notes
	C-11.2		Protect and preserve habitats for species, which have been identified as endangered, threatened, or sensitive by the state or federal government, giving special consideration to conservation or protection measures necessary to preserve or enhance suitable habitat.	Current policy		C-2.16		Protect and preserve habitats for species, which have been identified as endangered, threatened, or sensitive by the state or federal government, giving special consideration: to conservation or protection measures necessary to preserve or enhance anadromous fisheries.	
		C-11.2.1	Implement salmon habitat protection and restoration priorities in approved Water Resource Inventory Area 13 and 23 plans.	New implementation action  Primary responsibility: Staff Timeline: Ongoing		C-2.18		Implement salmon habitat protection and restoration priorities in approved Water Resource Inventory Area 13 and 23 plans.	
		C-11.2.2	Implement suitable habitat protections and restoration priorities for threatened and endangered aquatic and terrestrial plant and animal species.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
		C-11.2.3	Complete the Bush Prairie Habitat Conservation Plan.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-11.3		Maintain habitats that support the greatest diversity of fish and wildlife through conservation and enhancement of critical areas.	Current policy		C-2.17		Maintain habitats that support the greatest diversity of fish and wildlife through conservation and enhancement of critical areas.	
		C-11.3.1	Coordinate with adjacent jurisdictions and tribes to identify, protect, and develop enhancement plans and actions for habitat networks and wetlands that cross jurisdictional lines.	New implementation action  Primary responsibility: Staff Timeline: Ongoing		C-2.19		Coordinate with adjacent jurisdictions and tribes to identify, protect, and develop enhancement plans and actions for habitat networks and wetlands that cross-jurisdictional lines.	
	C-11.4		When developing on forested property adjacent to steep slopes, wetlands, stream ravines, or stream corridors, encourage development to provide additional buffer areas to provide wildlife and fish habitat.	New policy.					
	C-11.5		Foster native vegetation and control invasive species to preserve and enhance fish and wildlife habitat.	New policy.					



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New Goal	New Policy	New Action	Initial Staff Proposed Language	Staff Notes	Old Goal	Old Policy	Old Action	Current Goal, Policy, or Action	Planning Commission Notes
		C-11.5.1	Develop regulations requiring all new development to establish native vegetation as the dominant plant species in buffers around wetlands, streams, creeks, and steep slope areas.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
		C-11.5.2	Develop regulations allowing buffer width reductions to include buffer averaging for a predetermined percent for redevelopment situations. Buffer averaging will require an approved vegetation management plan.	New implementation action  Primary responsibility: Staff Timeline: Ongoing					

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Natural Resource Areas

New Goal	New Policy	New Action	Initial Staff Proposed Language	Staff Notes	Old Goal	Old Policy	Old Action	Current Goal, Policy, or Action	Planning Commission Notes
C-12			Support Urban Agriculture	New goal.					
	C-12.1		Recognize the importance of farmland conservation and local food production in maintaining the quality of life and long-term sustainability of Tumwater.	No change from current version of policy.		C-3.1		Recognize the importance of farmland conservation and local food production in maintaining the quality of life and long-term sustainability of Tumwater.	Commissioner Kirkpatrick – No Action for Policy C-12.1 Education to improve recognition.
	C-12.2		Work with community groups to support the continued viability of agriculture and encourage community support for it.	No change from current version of policy.		C-3.4		Work with community groups to support the continued viability of agriculture and encourage community support for it.	
		C-12.2.1	Support the efforts of the Thurston Food System Council and similar organizations to develop a vibrant food system through access to healthy, local, affordable, culturally appropriate, sustainably produced food to assist the community in having reliable access to enough affordable nutritious food.	Existing implementation action  Primary responsibility: Staff Timeline: Ongoing			C-3.4.1	Support the efforts of the Thurston Food System Council to develop a vibrant food system through access to healthy, local, affordable, culturally appropriate, sustainably produced food to assist the community in having reliable access to sufficient quantity of affordable nutritious food.	
C-13			Support Urban Forestry	New goal.					
	C-13.1		Maximize retention of a healthy tree cover and native vegetation and encourage restoration, replacement, and enhancement of unhealthy trees and disturbed vegetation as recommended in the adopted <i>Tumwater Urban Forestry Management Plan</i> consistent with the Growth Management Act and the requirements of protected habitat.	Modify current version of policy.		C-1.5		Maximize retention of a healthy tree cover and native vegetation and encourage restoration, replacement, and enhancement of unhealthy trees and disturbed vegetation.	
		C-13.1.1	Implement the actions in the <i>Tumwater Urban Forestry Management Plan</i> .	New implementation action  Primary responsibility: Staff Timeline: Ongoing					
	C-13.2		Ensure that harvesting for conversion to other uses occurs in a manner compatible with land uses of the surrounding area and maintenance of water quality and environmentally critical areas.	Current policy.		C-3.5		Ensure that harvesting for conversion to other uses occurs in a manner compatible with land uses of the surrounding area and maintenance of water quality and environmentally critical areas.	Commissioner Kirkpatrick – No Action for Policy C-13.2 Possible Action C-13.2.1. Act within authority of RCW 76.09.060(3).
C-14			Protect Mineral Resource Lands	New goal.					

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New Goal	New Policy	New Action	Initial Staff Proposed Language	Staff Notes	Old Goal	Old Policy	Old Action	Current Goal, Policy, or Action	Planning Commission Notes
	C-14.1		Allow mineral extraction industries to locate where prime natural resource deposits exist and where extraction will not cause the degradation of sensitive areas.	Modified policy.		C-3.6		Allow mineral extraction industries to locate where prime natural resource deposits exist.	Commissioner Kirkpatrick – No Action for Policy C-14.1 Possible Action C-14.1.1. Identify areas where natural resource deposits exist.
	C-14.2		Conserve designated mineral resource lands of long-term commercial significance for mineral extraction, and the use of adjacent lands should not interfere with the continued use of the designated mining sites that are being operated in accordance with applicable best management practices and other laws and regulations.	Current policy.		C-3.7		Conserve designated mineral resource lands of long-term commercial significance for mineral extraction, and the use of adjacent lands should not interfere with the continued use of the designated mining sites that are being operated in accordance with applicable best management practices and other laws and regulations.	Commissioner Kirkpatrick – No Action for Policy C-14.2 Possible Action C-14.2.1. Develop and adopt regulations to assure access.
	C-14.3		Restore mineral extraction sites as the site is being mined. The site should be restored for appropriate future use, and it should blend with the adjacent landscape and contours.	Current policy.		C-3.8		Restore mineral extraction sites as the site is being mined. The site should be restored for appropriate future use and it should blend with the adjacent landscape and contours.	Commissioner Kirkpatrick – No Action for Policy C-14.3 Possible Action C-14.3.1. Develop or reinforce existing regulations for restoration

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Goals, Policies, and Actions Moved to Other Elements or Deleted and Not Replaced

New Goal	New Policy	New Action	Initial Staff Proposed Language	Staff Notes	Old Goal	Old Policy	Old Action	Current Goal, Policy, or Action	Planning Commission Notes
			Moved to new Climate Element.	Moved to new Climate Element and update to reflect adoption of a net zero goal by 2050 per HB 1181.		C-1.6		Reduce communitywide greenhouse gas emissions 45 percent below 2015 levels by 2030 and 85 percent below 2015 levels by 2050 to ensure that local communities do their part to keep the global average temperature from rising more than 2°C.	
			Moved to new Climate Element.	Moved to new Climate Element.		C-1.7		Implement the strategies contained in the most recent version of the accepted Thurston Climate Mitigation Plan.	
			Proposed for deletion	Tumwater does not formally designate agricultural lands within the City.		C-3.2		Zone designated agricultural lands at very low densities to ensure the conservation of the resource for continued agricultural use.	
			Proposed for deletion	Tumwater does not formally designate agricultural lands within the City.		C-3.3		Limit non-agricultural development within designated agricultural areas to non-prime farmland soils where possible.	