

	Introductory Text Amendments	Finding
	New text shown with <u>underline</u> ; removed text shown in ((strikeout))	Problem or reason amendment is needed
Add new paragraph #2	<p>The Vision Statement for the 2024-2044 Comprehensive Plan (“the Plan”), reflects <u>the importance of the natural environment and the need for its protection. One of the Vision Statement’s guiding principles reads:</u></p> <p><u>Natural Environment:</u> <u>The County values its beautiful landscapes and fiercely protects the natural environment for its ecosystem services, recreational opportunities, and habitat. There are many connected greenways, open spaces, and wildlife corridors throughout the county providing habitat, flood mitigation, and tree canopy. Regional and neighborhood parks, trails, and open space offer recreational opportunities that are accessible and affordable to all.</u></p>	<p>The Vision Statement is newly proposed within the Introduction of the 2024 Update to the Comprehensive Plan (Plan), and this section is proposed to be added to the Natural Environment (NE) Element narrative to describe how the goals, objectives, and policies of the Element help move the Plan towards the Vision of the County in 2044.</p>
Add new paragraph #3	<p><u>In addition to the obvious aesthetic and habitat functions and values provided by the natural environment, the natural environment performs several ecosystem services benefitting Snohomish County communities and mitigating the impacts of climate change, including but not limited to stormwater management, carbon sequestration, flood attenuation, slope stabilization, microclimate and temperature moderation, and improvements to air and water quality. When the natural environment is not intact, many of these ecosystem services must typically be replaced by constructed structures and facilities at significant cost. There has also been substantial research supporting the role the natural environment plays in human physical and mental health. Equitable access to a healthy natural environment should be available to all county residents.</u></p>	<p>Language added to provide brief explanation of the values added or performed by elements of the natural environment to increase understanding, gain support, and justify environmental protection.</p>
Revised paragraph #4	<p>Protection of the natural environment is fundamental to achieving and preserving the quality of life for Snohomish County residents. People and businesses choose to locate in Snohomish County due in large part to the quality of the natural environment. The ((natural environment element)) <u>Natural Environment Element</u> of the ((comprehensive plan)) <u>Plan</u> provides the framework to realize the vision of thriving communities while protecting and preserving natural resources and the environment. It also provides for protection from various forms of pollution and natural hazards such as flooding, landslides, and other natural disasters. To be effective, in our efforts to protect and enhance the natural environment, the various policies, plans, and programs must be coordinated and focused through a consistent policy framework that has a multi-faceted approach. Our guiding principle is that the cumulative effect of all of the county's programs and efforts should result in no net loss of ecological functions and values consistent with the requirements of state law.</p>	<p>Revise language for internal style consistency.</p>

<p>Revised paragraph #5</p>	<p>This multi-faceted approach includes planning; intergovernmental coordination; development of regulation; enforcement; and improved protection of ecological functions and values through non-regulatory incentive-based means, such as voluntary enhancement and restoration, public education and other voluntary activity; and monitoring and adaptive management. The ((plan)) <u>Natural Environment Element</u> provides policies in each of these areas to direct the county’s efforts to protect the natural environment of Snohomish County and to achieve the outcome of no net loss of functions and values to the extent mandated by state law.</p>	<p>Revise language for internal style consistency and clarity about the location in the Plan where the multi-faceted approach is used.</p>
<p>Replace word – middle of paragraph #6</p>	<p>Vital to the success of the county’s program is careful consideration of how the ((burdens)) <u>goals</u> of environmental protection may impact property owners and business.</p>	<p>Edit proposed to remove value judgment and replace with neutral context.</p>

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout / <u>underline</u>	Problem or reason policy amendment is needed
1.A.1	Regulatory programs developed for the protection of the natural environment shall provide certainty, clarity, flexibility, efficiency, public outreach, and education so that ((citizens)) <u>people</u> understand the requirements, permits are processed quickly, and alternative approaches that provide equal or greater protection to the environment may be considered.	Revised for more inclusive language.
<u>1.A.8</u>	<u>Recognizing the ecosystem services of trees, including air quality, habitat value, and temperature and flood attenuation, the county shall require tree retention on county-owned property and within newly proposed developments to the greatest extent feasible considering public safety, interference with utilities, barriers to housing, urban development density standards, reasonable use, and other factors as relevant.</u>	Consistent with policy direction in Motion No. 22-096, Urban Tree Canopy, and MPP-En-3, En-9, En-13, and CPP Env-8 to protect tree canopy and improve air quality, along with other functions performed by trees.
<u>1.A.9</u>	<u>The county shall plan for equitable access to clean air and water, a healthy environment, and open spaces, and prioritize reduction of impacts to vulnerable populations that have been disproportionately affected.</u>	Reflect equity concept from the MPPs and CPPs (MPP-En-3, En-4, En-7, En-8, En-15, En-21, and CPP Env-8.)
1.B.1	The county shall consider comprehensive land use plan designations and development regulations that take into account: <u>Subsection</u> (a) environmental sensitivity and ecological functions and values; <u>Subsection</u> (b) limitations of ground and surface water quantities; and <u>Subsection</u> (c) potential impacts on surface and ground water quality.	Revise consistent with style guidelines.
1.C.1	The county shall continue to protect water resources and natural watershed processes by maintaining the quality, rates and supplies of water, sediment, and woody debris through the use of a variety of strategies, such as: <u>Subsection</u> (a) maintaining the natural hydrologic cycle and minimizing alterations of natural drainage patterns; <u>Subsection</u> (b) encouraging alternative impervious surface techniques; <u>Subsection</u> (c) providing for the retention of natural vegetation; <u>Subsection</u> (d) developing and implementing watershed management plans that protect water quality and address non-point pollution and the cumulative effects of land management on ecological systems; ((and)) <u>Subsection</u> (e) utilizing low impact development (LID) techniques and site planning ((+)) ; and <u>Subsection (f) promoting innovative and environmentally sensitive development practices in siting, design, materials selection, construction, and maintenance.</u>	Incorporate concept from MPP-En-5 that states, “Locate development in a manner that minimizes impacts to natural features. Promote the use of innovative environmentally sensitive development practices, including design, materials, construction, and on-going maintenance.”
1.C.2	The county shall continue to protect and enhance wetlands and fish and wildlife habitat conservation areas through the use of a variety of strategies, such as: <u>Subsection</u> (a) including best available science in plans and programs;	Proposed additions provide additional strategies for the protection of fish and wildlife habitat conservation areas.

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout/underline	Problem or reason policy amendment is needed
	<p><u>Subsection (b) supporting the development and implementation of watershed management plans and identifying areas where voluntary restoration and enhancement should be used to improve water quality, water quantity, fish habitat and overall hydrologic function;</u></p> <p><u>Subsection (c) coordinating the use of agricultural resource lands with the protection, restoration and/or enhancement of ecological functions and values;</u></p> <p><u>Subsection (d) developing incentive-based, voluntary restoration and enhancement programs to offset impacts to overall ecological functions and values resulting from development projects or the use of agricultural resource lands and encouraging creative on-site, and reach scale restoration/enhancement proposals that optimize natural and/or agricultural resource values and ecological function; (and)</u></p> <p><u>Subsection (e) including strategies for monitoring and adaptive management in plans and programs((+));</u></p> <p><u>Subsection (f) acquiring land for habitat restoration or for open space, recreation, and conservation; and</u></p> <p><u>Subsection (g) conserving habitat and open space through incentive programs like transfer of development rights.</u></p>	
((1-D))	((The county shall protect the health, safety, welfare and the economy of the community by minimizing the risks associated with natural hazards.))	Moved with revisions to become new objective 8.A. to group policies related to life, health and safety together.
((1-D.1))	((The county should consider natural hazards in all land use planning.))	Moved with revisions to become new policy 8.A.1 to group policies related to life, health and safety together.
((1-D.2))	((The county should develop comprehensive floodplain management plans. Where cities and the county share common floodplains, joint flood hazard planning and interlocal agreements should be used to ensure consistent floodplain management.))	Moved with revisions to become new policy 8.A.2 to group policies related to life, health and safety together.
((1-D.3))	((The county should develop and update drainage basin plans that document urban flooding problems and potential solutions.))	Moved with revisions to become new policy 8.A.3 to group policies related to life, health and safety together.
((1-D.4))	((The county should adopt and implement a Natural Hazards Mitigation Plan to reduce the vulnerability to natural hazards.))	Moved with revisions to become new policy 8.A.4 to group policies related to life, health and safety together.
((1-D.5))	((The county shall develop programs that provide for notification of the presence of geologic hazards.))	Moved verbatim to become new policy 8.A.5 to group policies related to life, health and safety together.
2	Provide for the protection and encourage restoration of ecological functions and values across the landscape by coordinating planning efforts among jurisdictions, tribes , and ((citizens)) the public .	Revised for more inclusive language.
2.A	Coordinate and support watershed planning and the adoption of programs to protect, restore and enhance ecological functions with other jurisdictions, agencies, tribes, and non-governmental organizations.	Addition of reference to watershed planning is consistent with MPP-En-1, En-11, En-12, En-14, En-16, En-Action-2, -3 by providing for coordination across jurisdictional boundaries for watershed planning.
2.A.4	The county should coordinate with the ((state department of fish and wildlife)) Washington State Department of Fish and Wildlife and other agencies and tribes to	Housekeeping name update and incorporating heightened focus on water quality in line with MPP-En-1, En-3, En-10, En-17.

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout / <u>underline</u>	Problem or reason policy amendment is needed
	protect, manage, and monitor <u>water quality and quantity as needed to support in-stream flows and</u> habitat for fish and wildlife.	
2.A.6	The county should participate in regional salmon recovery planning efforts and aggressively pursue funding <u>for implementation</u> that can provide multiple environmental benefits	Proposed amendment to add clarity and directive about the purpose for seeking funding. Amendment is consistent with MPP-En-1, En-6, En-11-12, En-14, En-16, En-Action-3
<u>2.A.7</u>	<u>The county should coordinate environmental protection programs and acquisition priorities with the conservation needs identified in the Regional Open Space Conservation Plan to improve equitable access to open space.</u>	This new policy responds to MPP-EN-12 by identifying the role of the Regional Open Space Conservation Plan in a way that is consistent with the CPP. MPP-En-12 reads, "Identify, preserve, and enhance significant regional open space networks and linkages across jurisdictional boundaries through implementation and update of the Regional Open Space Conservation Plan." The proposed new policy is further consistent with MPP-En-4, En-Action-1, -4, CPP Env-2, Env-3, Env-5.
<u>2.A.8</u>	<u>The county should coordinate with other jurisdictions, tribes, agencies, and local communities to identify, protect, restore, and enhance habitat corridors and primary association areas necessary to support critical species.</u>	The proposed new policy will incorporate concepts from MPPs and CPPs; and add support for estuary and other primary association area restoration projects into the comprehensive plan. The new policy is consistent with MPP-En-1, En-6, En-11, En-12, En-14, En-16, En-Action-3, and CPP Env-2, Env-4, Env-5
3.B.4	The county shall adopt vegetation retention standards to protect fish and wildlife habitat conservation areas and (limit) <u>avoid</u> the use of invasive and non-native plant species that may adversely impact such habitat.	Invasive and non-native species degrade habitat values. The proposed change is consistent with the new CPP Env-11. "The County and cities should establish and/or support programs that manage and work to reduce the spread of invasive species that are harmful to natural ecological function and habitat throughout the county."
3.B.9	The county (should adopt) <u>shall maintain</u> a water typing system and wetland classification system consistent with state guidelines.	The county has already adopted such a classification system within the Critical Area chapters of code, so a tense change is required. The proposed change is also consistent with GMA guidelines, definitions, and best available science (BAS).
3.C.2	The county shall establish development regulations that include a variety of strategies for protecting groundwater, <u>including but not limited to:</u> <u>Subsection (a) requiring new development to connect to existing public water systems where available in coordination with water provider service delivery policies; and</u> <u>Subsection (b) limiting overall reliance on new groundwater wells in rural and resource areas where connection to existing public water systems is available, particularly within sole source aquifers, public water providers' wellhead protection zones, and areas providing recharge to streamflow consistent with state instream flow rules.</u>	Consistent with GMA protection for aquifer recharge areas and state instream flow rules, the proposed changes reflect MPP En-10 and will support regulatory standards for meeting potable water requirements.
<u>3.C.3</u>	<u>The county shall adopt and maintain standards addressing groundwater protection based on the best available information for aquifer location, sensitivity to and potential for contamination, and designation as a critical aquifer recharge area.</u>	Supports protection strategy in Chapter 30.62C SCC as required per GMA guidelines WAC 365-190-100(3). Counties and cities must classify recharge areas for aquifers according to the aquifer vulnerability. High vulnerability is indicated by land uses that contribute directly or indirectly to contamination that may degrade groundwater, and hydrogeologic conditions that facilitate degradation.
3.D.1	To protect public health, safety and welfare, the county shall preserve natural floodplain and watershed processes to: <u>Subsection (a) Maintain natural flood storage capacity;</u> <u>Subsection (b) Preserve natural drainage and conveyance systems;</u>	Revise consistent with style guidelines.

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout/underline	Problem or reason policy amendment is needed
	<u>Subsection (c)</u> Avoid increases in flood elevations; and <u>Subsection (d)</u> Prevent downstream flooding.	
3.D.5	The county ((should)) shall incorporate ((new)) best available science and analysis of flood hazards into its regulations and mapping as they become available, including accounting for increases in future flood flows, sea level rise, and tsunami risk.	Proposed amendment to align the policy with the GMA requirement to ensure the code incorporates BAS. Consistent with MPP-En-6 concerning the use of best scientific information available.
3.D.6	Within ((Flood)) <u>flood regulations, the county should allow for volume of on-site or in-floodplain excavation to offset volume or fill. Where ESA-listed fish may be present during flood events, excavation designed to provide compensatory storage of flood water must not result in fish entrapment.</u>	Digging holes in the floodplain is not an ecologically-recommended option for mitigating flood storage – ESA listed fish can become stranded in the water-filled hole once the surrounding flood waters recede. Holes in the flood plain must have surface water connection to the river/stream, as per the best available science.
(3.D.7)	((The county should promote programs that assist private landowners with projects that reduce damage from stream and river bank erosion and flooding.))	The county’s Surface Water Management Division (SWM) is moving away from this type of program to focus on integrated floodplain management.
<u>3.D.7</u>	<u>The county shall rely on hazard reduction recommendations from integrated floodplain management and hazard mitigation plans, prioritizing recommendations that improve human safety and also benefit salmon.</u>	SWM is working on integrated floodplain management, and this policy supports those efforts.
<u>3.D.8</u>	<u>The county shall support and promote county projects designed to restore natural floodplain processes, increase floodplain storage, and improve habitat conditions for anadromous fish in key habitat areas needed for spawning, rearing, flood refuge, and/or osmoregulation as prioritized in salmon recovery plans.</u>	This proposed policy is consistent with the GMA requirement for special attention to anadromous fish. It is also in line with SWM’s goal of integrated floodplain management and will support estuary restoration. The policy is consistent with MPP-En-20 and CPP Env-6.
<u>3.D.9</u>	<u>The county shall require that placement of flood control structures and other development activities in the 100-year floodplain are based on recommendations from best available science and follow the mitigation sequence of avoid, minimize, and mitigate impacts on floodplain salmon habitat.</u>	The proposed policy applies the mitigation sequence requirement for critical area protection, and aids with integrated floodplain management consistent with MPP-En-6.
<u>3.D.10</u>	<u>The county shall require that proposed development activities in the 100-year floodplain assess potential impacts on Endangered Species Act (ESA)-listed anadromous fish to preserve fish access to and from rearing, spawning and refuge areas.</u>	GMA requires special attention to anadromous fish, and this proposed policy will aid in County compliance with federal ESA and local CAR.
<u>3.D.11</u>	<u>The county shall provide access to educational materials and maps showing potential future expansion of the 100-year floodplain caused by climate change and channel migration, and recommendations for site design and construction to help reduce future risk from floods and preserve floodplain processes.</u>	There is some cross over here with the Climate Change Element, although this is important to have in the NE Element as well for life, health safety, long term resilience. Given the life expectancy of manmade structures, future potential flood levels should be evaluated in site layout. Climate change results in deeper flood waters, higher tides, etc. Data (and forecasts) show that more areas will be affected by flooding outside of the current Special Flood Hazard Area mapped by Federal Emergency Management Agency. Flood waters could cover a larger area and potentially overwhelm existing flood control structures.
3.E.5	((The county should only allow development in the channel migration zone that has a low risk to public health, safety and property.)) <u>The county shall limit development in channel migration zones to protect public health, safety, and property.</u>	This re-wording provides stronger guidance in relation to these geomorphically and hydrologically dynamic areas, where development is greatly impactful to fish and wildlife habitat; and hydrogeologic processes place structures at risk.

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout / <u>underline</u>	Problem or reason policy amendment is needed
3.F.2	The county shall ((develop)) <u>maintain</u> shoreline environment designations that are based on existing use patterns, and the biological and physical character of the shoreline.	Housekeeping update to reflect current status.
<u>3.F.4</u>	<u>The county should protect, restore, and enhance native vegetation as vital to support and improve shoreline and critical area ecological functions, attenuate stormwater flows, and offset or mitigate potential impacts from development.</u>	The proposed policy is consistent with SMA and SMP regs, and BAS. Native vegetation provides multiple ecological functions to protect water quality and provide habitat. WAC 173-26-221(5); SCC 30.62A.320; SCC 30.67.599; <i>Summary of BAS</i> (2006), pg.64-66 This policy is also consistent with the proposed tree retention policies drafted in response to Motion 22-096, and with MPP En-13, En-20, and CPP Env-7, Env11.
<u>3.F.5</u>	<u>The county shall seek grant funding opportunities to implement restoration priorities identified in the Shoreline Management Program Restoration Element, watershed management plans, or salmon recovery plans to restore and enhance shoreline hydrologic functions, nearshore or backshore habitats, and estuaries.</u>	Consistent with SMA and SMP policy, MPP-En-17, En-20, CPP Env-6, the GMA requirement to focus on anadromous fish, and to support estuary restoration. RCW 36.70A.172; WAC 173-26-186(8)(c); WAC 173-26-221(2)(c)(iii)(B)
3.G.1	The county shall ((develop)) <u>maintain</u> regulations for Class IV General forest practices and for conversion option harvest plans.	Housekeeping update to reflect current situation
3.G.2	The county shall ((develop)) <u>maintain</u> a process and criteria for lifting forest practices moratoria, which shall include public notification and procedures for appeals and public hearings.	Housekeeping update to reflect current situation
3.H.1	The county shall protect properties and water from adverse impacts by eliminating illicit discharges ((and sediment transport,)) and regulating stormwater and land disturbing activity to reduce the discharges of pollutants and impacts to receiving waters.	Sediment transport is a beneficial ecological process, provided that sedimentation does not exceed natural levels.
((3.H.4))	((REPEALED BY AMENDED ORDINANCE NO. 14-070.))	Housekeeping
((3.H.5)) <u>3.H.4</u>		Renumber due to deletion of placeholder statement for 3.H.4 in 2014
((3.H.6)) <u>3.H.5</u>		Renumber due to deletion of placeholder statement for 3.H.4 in 2014
4.A.1	The county shall allow innovative strategies that protect surface and groundwater quality ((,)) <u>and quantity and</u> minimize impacts to wetlands and fish and wildlife habitat conservation areas on land used for commercial agriculture <u>through actions</u> such as encouraging the use of farm conservation plans or best management practices equivalent to those set forth in the NRCS Field Office Technical Guide (FOTOG Manual, most recent edition), <u>and other state and federal guidance on best management practices.</u>	The proposed amendment clarifies that “innovative strategies” really means BMPs from the FOTOG and other science-based sources, and includes water quantity as a vital component of habitat
4.A.4	The county should ((consider establishing)) <u>maintain</u> a permit assistance center to assist farmers in complying with natural environment regulations.	Update to reflect current situation
4.A.6	The county shall develop and implement actions to conserve agricultural resource lands ((and restore)) <u>while protecting and restoring salmon habitat and other</u> ecological functions and values, ((seeking)) <u>and shall seek</u> to increase both ecological and agricultural ((and)) resource viability and productivity.	Housekeeping amendment to fix typo and improve language flow, and to recognize that a balance between, and mutual benefit for, habitat and agriculture is preferred over protection and restoration standards that favor one type of land use to the exclusion of the other.

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout / <u>underline</u>	Problem or reason policy amendment is needed
4.B.4	<u>The county shall support habitat restoration projects that reestablish critical habitat functions while also supporting agricultural viability.</u>	New policy will support multi-benefit projects in line with the Sustainable Land Strategy. It could also provide support for estuary restoration projects key to recovery of ESA-listed fish. Proposed policy is consistent with MPP-En-20 and CPP Env-6.
5.A.3	The county shall, where appropriate, restore and enhance ecological functions on lands owned and managed by the county. Properties acquired for habitat conservation should be managed to preserve and enhance ecological functions and values (while providing) <u>and provide public access and</u> recreational opportunities <u>only where appropriate.</u>	Human intrusion into fragile habitat areas can counteract restoration/enhancement efforts. Public safety can also be an issue. However, land acquisition is often for parks or trails; public access is also a goal of the SMA. Funding source may also require public access. The amendments proposed to this policy clarify that public access and recreational opportunities should only be provided where appropriate.
5.A.4	The county should develop acquisition and conservation easements programs directed at lands that have unique ecological values, <u>support critical species</u> , or cannot be protected by any other methods.	GMA requirement to protect critical species; special attention for anadromous fish and the revision is consistent with CPP Env-5.
5.A.6	The county shall leverage opportunities for restoration, enhancement, and acquisition to maximize the benefits realized from funding attained, through the following: <u>Subsection (a)</u> prioritizing funding of those projects that provide maximum benefit to the environment; <u>Subsection (b)</u> working with other jurisdictions to maximize opportunities to restore across jurisdictional boundaries; and <u>Subsection (c)</u> targeting enhancement and restoration to achieve the goal of no net loss of ecological functions and values, consistent with state law requirements.	Revised consistent with style guidelines.
5.A.7	The county (should consider) <u>shall use</u> the recommendations contained in the watershed management plans and salmon recovery plans as (the) <u>a</u> basis for prioritizing restoration and enhancement projects.	Funding sources require justification for projects when applying for grants. Proposed revisions are consistent with regional and state salmon recovery goals as well as MPP En-Action-2, -3
5.B.4	The county shall develop incentives to voluntarily protect or enhance: <u>Subsection (a)</u> aquatic ecosystems and aquifers; <u>Subsection (b)</u> existing or degraded habitat areas; <u>Subsection (c)</u> native top soils; <u>Subsection (d)</u> water quality through use of low impact development techniques; <u>Subsection (e)</u> a healthy diversity of native plants and plant communities; and <u>Subsection (f)</u> rare plant species listed by the state department of natural resources' natural heritage program.	Revised consistent with style guidelines.

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in <u>strikeout/underline</u>	Problem or reason policy amendment is needed
5.B.6	The county should encourage ((citizens) the public to be water resource stewards and conservationists through participation in decision-making, volunteer activities, and technical assistance programs.	Housekeeping amendment; adding that stewardship intent is for conservation.
6	Educate ((citizens) the public regarding the natural environment and encourage voluntary environmental protection and stewardship.	Housekeeping amendment
6.A.6	The county should provide ((citizens) the public with information concerning species and habitats and voluntary methods for protecting and re-storing habitat areas.	Housekeeping amendment
<u>6.A.7</u>	<u>The county shall provide access to educational materials that describe ecologically friendly options for protecting property from damage due to shoreline erosion, and require use of soft shore armoring instead of hard armoring wherever feasible.</u>	Consistent with current situation and code. New policy is recommended to allow for a stronger focus on this topic.
6.B.1	The county shall encourage voluntary protection and restoration of natural areas and assist in establishing stewardship programs to allow ((citizens) the public to participate in the protection and preservation of ecologic systems important in their own communities. This effort may include participation in environmental planning and programs, volunteer activities, monitoring projects, and technical assistance and education programs.	Housekeeping amendment.
<u>7.A.6</u>	<u>The county shall monitor results of the tree canopy regulatory requirements within urban unincorporated areas.</u>	Consistent with current situation and policy direction proposed for this update by Motion 22-096.
<u>8.A</u>	<u>Protect the health, safety, welfare, and the economy of the community by minimizing the risks associated with natural hazards.</u>	Relocated from Objective NE 1.D with housekeeping revisions to improve NE element structure to replace “The County shall protect” with “Protect.” Revised for language consistency, flow, and readability of the Element.
<u>8.A.1</u>	<u>The county shall consider natural hazards in all land use planning.</u>	Relocated from NE Policy 1.D.1 to improve NE Element structure with a revision to replace “should” with “shall” to clarify that the county shall consider natural hazards.
<u>8.A.2</u>	<u>The county should adopt an integrated floodplain management approach that considers diverse interests and aims to reduce flood risks to people and property while also protecting habitat, water quality, agricultural viability, and open space. An integrated floodplain management approach should include joint flood hazard planning and interlocal agreements to ensure consistent floodplain management where the county shares common floodplains with cities, tribes and state or federal agencies.</u>	Relocated from NE Policy 1.D.2 with amendments to describe the new floodplain management approach at the county to integrate management with a range of diverse interests. Revised policy based on public input that will also support SWM integrated floodplain management approach.
<u>8.A.3</u>	<u>The county shall develop and update drainage basin plans that document urban flooding problems and potential solutions.</u>	Relocated from NE Policy 1.D.3 with a revision to replace “should” with “shall.” Policy moved to improve NE Element structure.
<u>8.A.4</u>	<u>The county shall adopt and implement a Natural Hazards Mitigation Plan to reduce the vulnerability to natural hazards.</u>	Relocated from NE Policy 1.D.4 with a revision to replace “should” with “shall.” Policy moved to improve NE Element structure.
<u>8.A.5</u>	<u>The county shall develop programs that provide for notification of the presence of geologic hazards.</u>	Relocated from NE Policy 1.D.5 verbatim to improve NE element structure.

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout/underline	Problem or reason policy amendment is needed
8.A.6	<u>The county shall identify vulnerable communities at risk from environmental hazards and exposure to pollution and identify opportunities and funding for improving environmental health.</u>	Proposed new policy to reflect addition of equity in the CPPs. Policy is consistent with CPP Env-8, -9, -10.
((8.A)) 8.B		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.A.1)) 8.B.1		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.A.2)) 8.B.2		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.A.3)) 8.B.3		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.A.4)) 8.B.4		Renumbering due to moving Objective NE 1.D to Goal NE 8.
8.B.5	<u>The county shall seek the most current research, data, modeling, and mapping on hazards including but not limited to channel migration, landslides, coastal erosion, earthquake faults and liquefaction zones, lahar routes, mine hazard areas, flood hazard areas, and areas potentially subject to tsunami in coordination with local city, county, state, federal, tribal agencies, and academic institutions. This information will be used for public education and to inform regulatory strategies.</u>	The proposed policy reflects the best available science requirement in GMA and SMA; supports the work done by the county Department of Emergency Management to develop the Hazard Mitigation Plan, improves public safety through the sharing of information, and is consistent with MPP En-6.
((8.B)) 8.C		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.B.1)) 8.C.1		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.B.2)) 8.C.2	The county shall ((adopt)) maintain development regulations that minimize or eliminate nuisance odors through the use of best available control technologies, provided that odors occurring as a result of accepted agricultural or forest practices on natural resource lands shall be presumed reasonable and not a nuisance.	Renumbering due to moving Objective NE 1.D to Goal NE 8 Housekeeping update consistent with current situation.
((8.B.3)) 8.C.3		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.B.4)) 8.C.4		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.B.5)) 8.C.5		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.B.6)) 8.C.6		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.B.7)) 8.C.7		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.C)) 8.D	Minimize ((the)) exposure ((of citizens)) to ((the dangers of)) excessive noise and light pollution.	Renumbered and amended to reflect the focus of MPP-En-7 and CPP Env-9, which address both excessive noise and light pollution concerns. Revised to broaden intent – neither humans nor the natural environment benefit from excessive noise or light pollution.
((8.C.1)) 8.D.1		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.C.2)) 8.D.2		Renumbering due to moving Objective NE 1.D to Goal NE 8.
((8.C.3)) 8.D.3		Renumbering due to moving Objective NE 1.D to Goal NE 8.
8.D.4	<u>The county shall require light shielding and visual buffering to improve land use compatibility where commercial, industrial, or mixed-use development with outdoor lighting is adjacent to residential uses or habitat for critical species.</u>	Added to reflect MPP En-7 and CPP Env-9

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout / <u>underline</u>	Problem or reason policy amendment is needed
8.E	<u>Protect water quality by seeking to minimize the introduction of pollutants into the environment.</u>	<p>It is proposed to add a new objective and policies under section NE 8.E to address water quality as a vital component supporting human health and habitat quality. Reduction of pollutants entering the environment is key to supporting water quality in local streams and wetlands, and ultimately, Puget Sound. These policies are consistent with the goals of the Phase I Permit issued under authorization of the Clean Water Act, the Puget Sound Partnership as laid out in the Action Agenda, the state governor’s Orca Recovery Plan, and ecological protection requirements under the GMA and SMA.</p> <p>The new objective and policies reflect the county’s multi-faceted approach to employ both regulatory and non-regulatory programs to address environmental protection. At a local level, this proposal supports the protection of water quality and natural ecologic functions by addressing stormwater runoff, pesticide use, and invasive aquatic species as outlined in MPP En-3, En-10, En-17, En-18, En-19 and CPP Env-7, Env-8, Env-10, Env-11.</p>
8.E.1	<u>The county shall make available educational materials describing best management practices for land maintenance, septic system care, natural yard care, control of invasive species, low impact development principles and techniques for stormwater management, ecological functions and values performed by trees and native vegetation, and healthier alternatives to toxic pesticides and herbicides.</u>	
8.E.2	<u>The county shall employ water quality best management practices and integrated pest management approaches to the greatest extent feasible in the management of county owned land and right-of-way.</u>	
8.E.3	<u>The county shall require that new development and redevelopment proposals include provisions addressing pollutants, including sediments, in stormwater runoff through use of best management practices, preferably low impact development wherever feasible, to help protect water quality in natural water bodies in accordance with the Snohomish County Drainage Manual.</u>	
8.E.4	<u>The county shall provide access to educational materials directed to shoreline property owners and users of recreational watercraft to help protect water quality, prevent spread of invasive species, and preserve natural shoreline ecological processes.</u>	
8.E.5	<u>The county shall support and promote programs addressing installation, inspection, monitoring, maintenance, repair and replacement of onsite sewage systems. When an onsite sewage system is failing and a conforming repair is infeasible, the county will require connection to an existing public sewer system whenever such connection is adequate and available within 200 feet of the structure served by the onsite sewage system. When neither conforming repair nor sewer connection is feasible, the county shall require use of innovative and state-of-the-art design techniques for repair or replacement of the onsite septic system. The county shall explore funding opportunities to assist property owners with costs associated with septic repairs or replacements, or sewer hook-ups, where a demonstrated public health hazard exists.</u>	
8.E.6	<u>The county shall track revisions to WAC 246-272A proposed by Washington State Department of Health and incorporate provisions into the county’s onsite sewage system program that advance public health benefits for Snohomish County residents, recreational and commercial shellfish harvesters, and Tribes.</u>	<p>The WAC revision has several key components that are supported by the Health Department, and would result in an improved onsite sewage system program.</p>
<u>New Introductory Text</u>	Insert new introductory text for Urban Tree Canopy section	Under separate project manager and timeline. New introductory text addressing urban tree canopy will be inserted here.
<u>9</u>	NEW Goal NE 9 – Urban Tree Canopy goals, objectives, policies	Under separate project manager and timeline. New goal, objectives and policies addressing urban tree canopy will be inserted here.

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout / <u>underline</u>	Problem or reason policy amendment is needed
		NOTE: Existing language under goals 9, 10 and 11, including objectives, policies and introductory language (Climate Change) will be deleted from the NE Element. It will either be moved verbatim to the new Capital Facilities and Utilities Element (CU), or to the new Climate Change Element (CC), amended within those new elements, or deleted outright. The table below indicates the disposition of the NE goals, objectives and policies and identifies their location within the new elements as currently proposed. This information may change as the CU Element and the CC Element move through the public process in the coming months.
((9))	((Promote energy conservation and recycling to reduce detrimental effects on the natural environmental and human health and safety.))	Amended - new location Objective CC 2.B
((9.A))	((Recycle and reuse water.))	Deleted - covered by Objective CC 2.D
((9.A.1))	((The county shall develop plans and programs for the reuse, recycling, and treatment of water.))	Deleted - covered by CUE Policy 8.A.2
((9.A.2))	((County facilities shall be designed, operated and maintained to ensure recycling of water occurs to the maximum extent possible.))	Amended - new location CC 2.B.3
((9.A.3))	((The county should promote the use of low impact development designs to encourage the reuse of water.))	Moved - new location CU 13.B.6
((9.A.4))	((The county should encourage the development of innovative water supplies such as rainwater catchment systems as a source of domestic drinking water.))	Deleted - covered by both CUE policies 13.A.3 and 13.B.5
((9.B))	((Conserve nonrenewable energy resources while promoting the development and utilization of new and renewable energy resources.))	Amended - new location CC 2.D
((9.B.1))	((The county should adopt plans and regulations that require site planning and building design to promote energy conservation and reduce demand.))	Amended - new location CC 2.D.1
((9.B.2))	((The county shall encourage transportation alternatives such as, the expansion of transit service, carpools and vanpools to reduce consumption of fossil fuels.))	Deleted - CC Policy 2.C.2 directs to the TE
((9.B.3))	((The county shall adopt and enforce the Washington State Energy Code for new construction.))	Deleted - unnecessary because this is a state mandate.
((9.C))	((Provide safe, efficient and cost effective disposal of solid waste while encouraging waste prevention, reduction, and recycling.))	Deleted - covered by Goal CUE 5 and CUE Policy 5.A.1
((9.C.1))	((The county shall develop plans and programs for the management of solid waste generated within Snohomish County.))	Deleted - covered by CUE policy 5.A.1
((9.C.2))	((The county shall be responsible for the disposal of solid waste generated within Snohomish County.))	Deleted - covered by CUE Policy 5.B.3
((9.C.3))	((County facilities shall be designed, operated and maintained to ensure recycling is available and occurs when technically and economically feasible.))	Deleted - covered by Objective CC 2.B
((9.C.4))	((County offices and facilities shall set an example in waste prevention, reduction and recycling.))	Deleted - covered by Objective CU 8.A
((9.C.5))	((The county shall encourage waste prevention, reduction, and recycling of solid waste when technically and economically feasible.))	Deleted - covered by CUE Policy 5.A.3

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout / <u>underline</u>	Problem or reason policy amendment is needed
((9.C.6))	((The county shall design, maintain or retrofit solid waste facilities to prevent contaminated storm water run-off from the facility for the purpose of preventing water pollution.))	Deleted - covered by CUE Policy 5.A.7
((9.C.7))	((The county shall site new solid waste handling facilities in a manner which will minimize impacts on the natural environment while providing essential solid waste disposal services.))	Deleted - covered by CUE Policies 5.B.3 and 5.B.4
Introductory Text	Climate change and Sustainability – deletion of narrative text from the NE Element	Amended - moved to Climate Change Element.
((10))	((Help sustain Snohomish County’s economy, environment and communities by minimizing greenhouse gas emissions and supporting clean energy development.))	Amended - new location is Goal CC 1
((10.A))	((Adopt practices for Snohomish County government services and operations that minimize greenhouse gas emissions.))	Amended - new location is Objective CC 2.A
((10.A.1))	((Identify and implement technologies to improve the efficiency of Snohomish County buildings and service vehicles.))	Amended - new location is CC Policy 2.B.4
((10.A.2))	((Identify and implement operational and purchasing policies and practices that reduce emissions, support energy conservation and efficient use of resources.))	Amended - new location is CC Policy 2.A.8
((10.A.3))	((Pursue options and incentives to reduce the vehicle miles traveled by Snohomish County employees in both their commuting and job-related activities.))	Amended - new location is CC Policy 2.A.6
((10.A.4))	((Achieve green building certification for new county buildings and major renovation projects whenever appropriate and feasible.))	Amended - new location is CC Policy 2.A.4
((10.A.5))	((Inventory the county’s greenhouse gas emissions and develop and implement a plan to minimize emissions.))	Amended - new location is CC Policy 2.A.1
((10.B))	((Develop strategies for Snohomish County communities that support sustainability and minimize green-house gas emissions.))	Amended - new location is Objective CC 2.C
((10.B.1))	((Incorporate the most current scientific consensus on climate change into the county’s planning processes.))	Amended - new location is CC Policy 1.A.3
((10.B.2))	((Establish land use patterns that minimize transportation-related greenhouse gas emissions and encourage the preservation of resource lands, open space and habitat.))	Amended - new location is CC Policy 2.C.3
((10.B.3))	((Support market development for alternative fuels and clean energy sources.))	Amended - new location is CC Policy 2.C.5
((10.B.4))	((Encourage climate friendly businesses and business practices and a clean energy economy.))	Deleted – covered by CC Policy 2.C.5
((10.B.5))	((Seek to reduce vehicle miles traveled by encouraging expanded availability and use of public transportation through planning, partnerships, investments and incentives.))	Deleted – covered by CC Policy 2.C.2
((10.B.6))	((Adopt development regulations that foster energy conservation, environmental enhancement, recycling and waste reduction.))	Moved - new location is CC Policy 2.D.2
((10.B.7))	((Investigate long term strategies to address waste management within Snohomish County’s borders to reduce emissions from the transport of waste, increase reuse and recycling and foster sustainable practices.))	Deleted – covered by CUE Policy 5.A.2

	Goal, Objective, or Policy	Finding
	New policy, or amended policy in strikeout / <u>underline</u>	Problem or reason policy amendment is needed
((10.B.8))	((Develop education and incentive programs related to climate change and sustainability so that citizens, businesses and others can make informed decisions.))	Amended - new location is CC Policy 2.D.6
((10.B.9))	((Support intergovernmental planning regarding climate change and sustainability and coordinate local efforts with regional, state and federal efforts.))	Deleted - covered by policy CC 3.A.3
((10.B.10))	((Incorporate principles of sustainability and “green building” design – as set forth in “Leadership in Energy and Environmental Design” (LEED) certification – for development of the county Cathcart site. Ensure that this development will serve as a model for “green” building and sustainable neighborhood development in Snohomish County.))	Deleted - covered by policy LU 5.B.12
((10.B.11))	((Incorporate energy conserving and climate friendly construction and development techniques within all development activity at the county Cathcart site.))	Moved - new location is CC 2.D.3
((11))	((Help sustain Snohomish County’s economy, environment and communities by responding and adapting to the impacts of climate change.))	Amended – new location is Goal CC 3
((11.A))	((Improve the county’s preparedness to respond to climate change.))	Deleted - covered by Objective CC 3.B
((11.A.1))	Work with community stakeholders, establish partnerships and organize resources to coordinate a response to the projected impacts of climate change.))	Amended – new location is CC 3.A.3
((11.A.2))	((Periodically assess Snohomish County’s vulnerability to climate change, based on the most current scientific consensus, and utilize the findings and community priorities to guide policy development and infrastructure investments.))	Amended – new location is CC 3.A.1
((11.A.3))	((Incorporate measures that account for, mitigate and monitor the expected impacts of climate change in planning for economic, environmental, and community health.))	Amended – new location is CC 3.A.2
((11.A.4))	((Implement strategies and monitor progress to protect the county’s natural resources and systems from the projected impacts of climate change.))	Amended – new location is CC 3.B.1
((11.B))	((Strengthen the county’s ability to adapt to climate change impacts.))	Amended – new location is CC 3.C
((11.B.1))	((Incorporate adaptive management for climate change, in response to the most current scientific consensus, into future comprehensive plans and development regulations.))	Deleted – covered by CC 3.A.2
((11.B.2))	((Develop strategies to encourage a diversified and sustainable economy that is resilient to the impacts of climate change.))	Amended – new location is CC 3.C
((11.B.3))	((Develop incentives that encourage citizens to reduce the adverse impacts from climate change to their lives and communities.))	Amended – new location is CC 3.B.6
((11.B.4))	((Promote the efficient use, conservation and protection of water resources.))	Amended – new location is CU 13.B.5