

# List of Near Term Actions being considered for the 2011 Action Agenda Update

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<b>A.1 Focus land development away from ecologically important and sensitive areas</b>			
<p><b><i>A1.1 Identify and prioritize areas that should be protected or restored and those that are best suitable for (low impact) development.</i></b></p>		<p>A1.1 NTA 1: Ecology and WDFW complete the Puget Sound Basin Ecosystem Characterization by 2012.</p>	<p>Complete or not</p>
		<p>A1.1 NTA 2: DNR, in collaboration with Ecology, USGS, and WDFW and others, will update and expand the stream typing maps for streams in the Puget Sound basin by 2013.</p>	<p>Done or not; percentage complete.</p>
		<p>A1.1 NTA 3: [Who] will prepare regional ecosystem protection standards with a decision-making framework by 2013.</p>	<p>Done or not</p>
		<p>A1.1 NTA 4: The Puget Sound Institute will improve and support spatial landscape data collection, sharing and analysis among local and tribal jurisdictions, state and federal agencies, NGOs and others by 2012.</p>	<p>[Need to clarify the outcome of this action to develop a metric; number of “customers” using the spatial data?]</p>
<p><b><i>A1.2 Local plans, regulations and policies are consistent with protection and recovery targets for Puget Sound.</i></b></p>		<p>A1.2 NTA 1: Ecology and Commerce will provide technical assistance and financial incentives to local jurisdictions to develop and adopt planning goals and policies that incorporate ecosystem characterization information and protection strategies and encourage compact growth patterns, density, redevelopment and rural lands protection by:</p> <ul style="list-style-type: none"> <li>• Creating easy web access to the Puget Sound Watershed Characterization results and other landscape data, information and analysis by 2012.</li> <li>• Creating an interagency Watershed Technical Assistance Team to help local and regional entities access and use the results of the Puget Sound Ecosystem Characterization project by 2012.</li> <li>• Developing and distributing a set of local planning land development and growth policies and goals that are consistent with protection and recovery targets and the Growth Management and Shoreline Management Acts by 2013.</li> </ul>	

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		<p>A1.2 NTA 2: Ecology and Commerce will conduct an analysis and assessment of the effectiveness of GMA comprehensive plans, development regulations and Critical Area Ordinances, and Shoreline Master Programs for plans, policies and regulations that incorporate ecosystem characterization information and protection strategies and encourage compact growth patterns, density, redevelopment and rural lands protection by 2012.</p> <p>A1.2 NTA 3: Ecology and Commerce will work with local governments to help identify the kind of assistance they need to eliminate barriers to incorporate policies consistent with implementation of the Action Agenda.</p> <p>A1.2 NTA 4: The Partnership, in collaboration with the Association of Washington Cities and the Washington State Association of Counties, will work with the legislature to strengthen support for state funds and work to direct existing funding to increase funding to state agencies with expertise to increase or develop and coordinate their technical assistance capacity to local governments [by amount] 2013.</p> <p>A1.2 NTA 5: [Who] will convene an interagency and stakeholder workgroup to develop and incorporate criteria into state and federal grant competitions that gives priority for funding to local and Tribal plans and projects that incorporate ecosystem information and protection and have plans, regulations and policies that effectively encourage compact growth patterns, density and redevelopment and rural lands protection by 2013</p>	
<p><b><i>A1.3 Improve local governments ability and willingness to implement, monitor and enforce plans, regulations and permits that are consistent with protection and</i></b></p>		<p>A1.3 NTA 1: [By date] Commerce will promote state funding for GMA plan implementation rather than only plan updates.</p> <p>A1.3 NTA 2: Legislature will increase state financial support for plan and regulatory implementation, enforcement, management, training, and education [by amount] [by 2013].</p>	

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<b>recovery targets for Puget Sound.</b>		<p>A1.3 NTA 3: [Who? Commerce or Municipal Research and Services Center?] will facilitate shared resources (e.g., staff support across jurisdictions) and compliance assistance including education, outreach and enforcement by 2013.</p> <p>A1.3 NTA 4: [Who] will provide [number of] BMP workshops and compliance training for code enforcement staff by 2013.</p>	
<b>A1.4 Strengthen and streamline existing local, state, federal permitting programs.</b>		<p>A1.4 NTA 1: By 2012, [Who] will convene a workgroup to assess and document both the effectiveness of the ‘no net loss policy’ in producing net gain toward the recovery targets and how cumulative effects assessment might be integrated into existing programs.</p>	
<b>A2 Permanently Protect the Intact Areas of the Puget Sound Ecosystem that still function well</b>			
<b>A2.1 Obtain Full or Partial Property Interests for Lands at Risk of Conversion or Impacts From Human Activities.</b>		<p>A2.1 NTA 1: DNR, in consultation with the Habitat and Recreation Lands Coordinating Group, the Cascade Land Conservancy, and other entities as appropriate; will complete priority acquisition projects identified through established processes (e.g., salmon recovery and others) by 2013.</p> <p>A2.1 NTA 2: [Who] will convene a task force to develop a funding mechanism to rapidly acquire properties with high ecological value and imminent risk of conversion by 2012.</p> <p>A2.1 NTA 3: [Who? Partnership or DNR?], will work with the Legislature to encourage passage of the Community Forestry Conservation Act (HR 1982), which would enable non-profit conservation organizations to use bonds to purchase private working forests for long-term environmental and economic sustainable management by 2013.</p> <p>A2.1 NTA 4: American Farmland Trust will identify farmlands with high ecological value and at imminent risk of conversion by 2013.</p>	
<b>A3 Protect and Steward Ecologically Sensitive Rural and Resource Lands</b>			
<b>A3.1 Create and offer an expanded,</b>		<p>A3.1 NTA 1: DNR, WA Ag, and the Conservation Commission will make existing landowner incentive</p>	<p>There are numerous incentive programs available for landowners to encourage</p>

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<p><b><i>integrated suite of incentives and market-based programs that make voluntary stewardship and conservation of private forest and agricultural lands practical and economically rewarding</i></b></p>		<p>programs more accessible, easier to use, and targeted at the most ecologically important and sensitive areas.</p>	<p>stewardship and conservation, including current use property tax incentives such as Designated Forest Land and Open Space Tax Program as well as the Forest Riparian Easement Program, Riparian Open Space Program, the Family Forest Fish Passage Program and the newly established voluntary stewardship program established by HB 1886 in the 2011 legislative session, among others. They are, however, not well coordinated or integrated, can be difficult to join, tend to be opportunistic rather than strategic and lack adequate funding, are not being fully or effectively utilized or targeted at protecting the most important lands.</p> <p>Major Activities or Milestones:</p> <ul style="list-style-type: none"> <li>• Legislature assign responsibility for coordinating landowner incentive programs to a single state entity.</li> <li>• Establish a clearinghouse to distribute information and provide technical assistance on conservation incentives.</li> <li>• Create a program of regional “brokers” or matchmakers that develop packages of incentives in high-priority areas.</li> <li>• Improve and expand public recognition for voluntary private sector stewardship of lands.</li> <li>• Dedicate incentive funding toward meeting the needs of landowners of ecologically important areas as defined by the Puget Sound Basin Ecosystem Characterization and other local assessment and characterization information.</li> <li>• Develop new programs for underserved landowners, including small farmers and owners of non-working rural lands.</li> <li>• Provide additional funding for</li> </ul>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
			<p>selected highly effective existing incentive programs. Explore using state CWA revolving funds and state centennial funds.</p> <ul style="list-style-type: none"> <li>• Work to increase use of all USDA conservation and habitat restoration programs, which are currently underused by western Washington growers.</li> </ul>
<p><b><i>A3.2 Create a Comprehensive Conservation and Ecosystem Services Market for the Puget Sound Region.</i></b></p>		<p>A3.2 NTA 1: [Who] will establish a center for state efforts to organize and stimulate conservation markets by 2013</p>	
<p><b><i>A3.3 Develop a comprehensive strategy for retaining economically viable and long-term successful, working forestlands through a collaborative process.</i></b></p>		<p>A3.3 NTA 1: WADNR will identify and lead an appropriate collaborative process to develop a comprehensive strategy for retaining economically viable and long-term successful working forestlands.</p> <p>A3.3 NTA 2: WADNR will incorporate analysis of third party certification standards when DNR recalculates the sustainable harvest on state trust lands in 2014.</p> <p>A3.3 NTA 3: [Who] will Revise Open Space Tax Program to improve incentives for small landowners and to reduce tax and administrative burden on working farm and forest landowners.</p>	
<p><b>A4 Encourage compact regional growth patterns and create dense, attractive and mixed-use and transit-oriented communities</b></p>			
<p><b><i>A4.1 Provide the necessary infrastructure and incentives within urban growth areas to accommodate new and re-development.</i></b></p>		<p>A4.1 NTA 1: The Partnership, in collaboration with Commerce, will secure legislative authority for tax increment financing for local governments to finance infrastructure improvements within designated areas by 2013.</p>	
<p><b><i>A4.2 Enhance and expand the benefits of living in compact communities to increase consumer demand for them.</i></b></p>		<p>No near-term action identified yet</p>	

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*Sub-Strategy*

*Ongoing Programs*

*Near Term Action*

*Performance Measure*

**A5. Protect and Restore Floodplain Function**

***A5.1 Protect and maintain intact and functional floodplain functions (i.e., flood storage, channel migration, and habitat forming processes) by focusing growth away from functional floodplains.***

A5.1.1 Identify, assess and revise regulatory policies (e.g., exemption) allowing development in floodplains, including areas behind levees, areas protected with bank stabilization, and unprotected areas. Ensure regulatory policies and their implementation protect floodplain function.

A5.1.2 Use floodplain assessments and prioritizations, watershed assessments, watershed plans, and regional ecosystem protection standards to define areas that should be protected.

A5.1.3 Align agency plans, programs, regulations and policies to better protect and restore floodplain functions

A5.1.4 Provide assistance to local jurisdictions with implementation and enforcement of floodplain protection and restoration policies and regulations.

A5.1.5 [no title in doc]

NTA A5.1.1.1 By the second quarter of 2012, using the results in the July 2010 "Floodplain Management: A Synthesis of Issues Affecting Recovery of Puget Sound" report, the PSP will synthesis, identify, and draft an action plan for the programs and target programmatic recommendations for legislative change, rule amendments, administrative changes, needed to achieve the floodplains pressure reduction target.

NTA A5.1.2.1 The PSP will convene a group to identify floodplains areas and then prioritize most important for protection, restoration, development, compatible agriculture or other compatible and non-compatible uses by 2013. The outputs from this effort will result in development of watershed specific strategies.

NTA A5.1.2.2 [Who?] will convene a group Identify and prioritize lands that support floodplain functions that could be protected through property acquisition or transfer of development rights (TDR).

NTA A5.1.3.1 The PSP will convene a multi-agency group to bring the results of the prioritization work to identify implementation steps by 2013.

NTA A5.1.5.1 FEMA and NOAA technical assistance team will work with other local, state and federal governments to implement BiOP and provide tools and mechanisms to promote consistency with other regulations by 1Q 2012.

NTA A5.1.5.2 FEMA and NOAA will develop effectiveness monitoring framework for NFIP program review by 4Q 2013.

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<p>A5.1.7 Improve and increase outreach and education regarding land development practices, flood hazards, and floodplain function.</p>		<p>NTA A5.1.7.1 The PSP will include the risk of developing in floodplains and benefits/services of preserving floodplain function in its ongoing outreach by 2012.</p>	
<p>A5.1.8 Locate new and replacement public infrastructure (e.g., bridges, roads, rails, treatment plants) outside of floodplains or ensure that design of new or replacement infrastructure allows and enhances floodplain function. Repairs to infrastructure that cannot be relocated should incorporate the least intrusive repair possible.</p>		<p>NTA A5.1.8.1 By 2013, [Who?] will convene transportation agencies and utilities to identify public infrastructure that has the greatest impact on floodplain function by watershed. [Who] will inform the appropriate party about high impact infrastructure and provide technical input as appropriate.</p>	
<p><b>A5.2 Support long-term protection and stewardship of agricultural lands, working farms, and forests to help maintain existing ecosystem function, sustain quality of life, improve the viability of rural communities, and maintain long-term restoration and flood protection options.</b></p>			
<p>A5.2.1 Use, coordinate, expand and promote financial incentives, including flood/riparian easements, that allow working agricultural lands to stay viable, reduce land development and support floodplain functions.</p>		<p>NTA A5.2.1.1 [Who and by When] Purchase development rights in areas adjacent to and behind levees and in areas where there is an active floodplain.</p>	
<p>A5.2.1.1 Support pilot projects that demonstrate ecosystem services markets associated with flood hazard prevention and agricultural lands in floodplains.</p>		<p>No specific near-term actions are identified for this sub-strategy other than the activities of ongoing programs.</p>	
<p>A5.2.1.2 Promote floodplain compatible agriculture.</p>		<p>NTA A5.2.1.2.1 The local integrating organizations will convene conservation districts, NCRS, lead entities for the WRIAs, and use the definition of floodplain function to identify floodplain compatible agriculture.</p>	

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<p>A5.2.2      Develop and promote (CREP and EQUIP) economic and regulatory incentives to promote multi-benefit ecosystem function of agricultural lands.</p>		<p>NTA A5.2.1.1 WA Dept of Agriculture will assess the disincentives for reestablishing habitat land on agricultural lands by 2013.</p>	
<p><b>A5.3    <i>Implement and maintain priority ecosystem restoration projects for floodplains, tidal and non-tidal.</i></b></p>			
<p>A5.3.1      Restore and increase floodplain function on marginal agricultural lands.</p>			
<p>    A5.3.1.1      Support land swaps on marginal farm lands and priority floodplain function lands.</p>		<p>NTA A5.3.1.1.1 The conservation districts, agricultural community, watershed planning groups, and local jurisdictions will use the outputs from the characterization work to identify potential land swaps (i.e., county land use and conservation districts) and identify candidate areas to expand areas available for agriculture outside of priority floodplain areas by 2012.</p>	
<p>A5.3.2      Develop and implement floodplain restoration pilot project program.</p>		<p>NTA A5.3.2.1 [Who is the lead?] will work with commerce, the agricultural community, and local jurisdictions, to develop five case studies that are illustrative of the benefits of restoration of floodplain function and use them as tools to promote and educate by 2012.</p>	
<p>A5.3.3      Identify programmatic changes to facilitate floodplain protection and restoration.</p>		<p>NTA A5.3.2.2 [Who] will work to identify Federal, State, Local, and private funding to develop a pilot program to fund projects that leverage the work and lessons learned from the case studies and the NTA 1.2 prioritization work by the fourth quarter of 2012.</p> <p>NTA A5.3.3.1 FEMA, USACE, and Ecology will collaborate to develop and enable cost-share mechanisms for floodplain-friendly modifications to flood protection infrastructure by 2012.</p>	

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<p>A5.3.3.1 Improve monitoring of and information and data sharing regarding restoration and modification projects.</p> <p>A5.3.4 Revise federal policies (USACE and FEMA) to develop regionally-specific Puget Sound policies.</p> <p>A5.3.5 Develop new approach (USACE) to cost-benefit analysis that includes ecosystem services and longer term/larger scope analysis.</p> <p>A5.3.6 Support existing policies to maintain non-structural alternatives for flood hazard reduction and to convert structural to non-structural.</p>		<p>NTA A5.3.3.2 [Who should be the lead convener?] will convene PSP, FEMA, Ecology, USACE, and Local Governments to identify the policies and priorities of local and regional flood risk reduction and flood mitigation programs to foster multi-objective floodplain management and prioritize non-structural, ecosystem based approaches to protecting local communities by 2012.</p> <p>No specific near-term actions are identified for this sub-strategy other than the activities of ongoing programs</p> <p>NTA A5.3.4.1 [Who] will convene the USACE, Ecology, DFW, and local levee owners to identify the barriers to implementing levee setbacks and work with key parties to address barriers by the fourth quarter of 2012.</p> <p>NTA A5.3.4.2 The PSP will lead and participate in the development of new regional-based levee based vegetation standards by the first quarter of 2012.</p> <p>No specific near-term actions are identified for this sub-strategy other than the activities of ongoing programs.</p> <p>NTA A4.3.6.1 In 2012, [Who] will convene the USACE, Ecology, DFW, and flood districts/watershed groups, as appropriate, to identify incentive mechanisms to participate and implement non-structural alternatives to flood hazard reduction.</p>	
<p><b>A5.4 <i>Protect and conserve a normative flow regime to support floodplain functions.</i></b></p> <p>A5.4.1 Reform state water laws to be more protective of in-stream flows and to encourage conservation and implement stream flow protection and enhancement programs.</p>		<p>No specific near-term actions are identified for this sub-strategy other than the activities of ongoing programs.</p>	

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b>A5.5 Incorporate climate change forecasts into floodplain protection and restoration strategies.</b></p>	<p>A5.5.1 Perform cost benefit analysis for structural versus nonstructural protection and restoration strategies.</p> <p>A5.5.2 Use findings from research studies on climate change impacts on floodplains in the Puget Sound to extrapolate risk factors pertinent to floodplains.</p> <p>A5.5.3 Work with Federal, State, and Local governments to integrate climate change risk factors in planning processes.</p>	<p>No specific near-term actions are identified for this sub-strategy other than the activities of ongoing programs.</p> <p>NTA A5.5.2.1 EPA will work with project implementers to document and publish findings by 2013.</p> <p>NTA A5.5.3.1 By 2012, a representative from Climate Impacts Group will be a member of the Science Panel.</p>	
<p><b>A6. Adapt, where necessary, and implement and maintain freshwater and upland restoration projects</b></p>			
<p><b>A6.1 Adapt, where necessary, and implement and maintain stream (river and creek) restoration projects.</b></p>		<p>A6.1 NTA 1: The 14 Lead Entities for Salmon Recovery implement the highest priority restoration projects identified within the salmon recovery Three-year Work Plans from the 14 watershed groups that are based on salmon recovery plans. Potential funding sources include SRFB; PSAR; and EPA funded Puget Sound Lead Organizations.</p> <p>A6.1 NTA 2: Local jurisdictions, in consultation with Lead Entities for Salmon Recovery implement the highest priority restoration projects identified by local jurisdictions within the Shoreline Master Programs; coordinate with the implementation of projects on the salmon recovery Three-year Work Plans (see NTA #1). Potential funding sources include SRFB; PSAR; and EPA funded Puget Sound Lead Organizations.</p>	<p>Successfully obtain funding for the highest priority projects and complete or begin implementation of those projects within the 2011-13 biennium.</p> <p>Coordinate with the salmon recovery watersheds to successfully obtain funding for the highest priority projects and complete or begin implementation of those projects within the 2011-13 biennium.</p>
<p><b>A6.2 Adapt, where necessary, and implement and maintain wetland restoration and creation projects.</b></p>		<p>None. Near-term work in this area is addressed in A6.1.</p>	

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<b><i>A6.3 Adapt, where necessary, and implement and maintain lake restoration projects.</i></b>		None. Near-term work in this area is addressed in A6.1.	
<b><i>A6.4 Establish a stable funding source and local capacity to implement large-scale and complex freshwater and upland restoration projects.</i></b>		A6.4 NTA 1: The RCO and Puget Sound Partnership (as the salmon recovery Region for Puget Sound) on behalf of the Puget Sound Salmon Recovery Council, establish a stable funding source for Projects of Regional Significance identified by the Puget Sound Salmon Recovery Council.	Establish a stable funding source within the 2011-13 biennium.
<b>A7. Protect and conserve freshwater resources to increase and sustain water availability for instream flows</b>			
<b><i>A7.1 Regulation, Monitoring, and Enforcement: Reform state water laws to be more protective of instream flows and to encourage conservation and implement streamflow protection and enhancement programs.</i></b>		<p>A7.1 NTA 1: Ecology, with support from WDFW, will set flow rules in three remaining Puget Sound watersheds (WRIA's 16, 18, and 19) that currently do not have instream flow rules within 6 years. Two additional watersheds – San Juan (WRIA 2) and Island (WRIA 6) are not near-term candidates for instream flow rules due to naturally limited freshwater habitat. Priority will be given to critical basins or those with known significant problems meeting instream or out-of-stream demands. By 2013 Ecology will have adopted an instream flow rule for the Dungeness River portion of WRIA 18.</p> <p>A7.1 NTA 2 Ecology will develop and implement the comprehensive basin flow protection and enhancement programs called for in the recovery plans for Puget Sound Chinook and Hood Canal/Strait of Juan de Fuca summer Chum by [date]. By 2013 Ecology will [increment of anticipated progress.]</p> <p>A7.1 NTA 3: Implement the recommendations from approved watershed plans prepared under the Watershed Planning Act (RCW 90.82) consistent with the Action Agenda and coordinated with other local restoration and protection efforts.</p>	

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b>A7.2 Water Demand and Water User Conservation: Decrease the amount of water withdrawn or diverted and per capita water use.</b></p>		<p>A7.1 NTA 4: Ecology will establish local water masters in each Puget Sound watershed to increase water code compliance and enforcement by [date]. By 2013, Ecology will establish at least one water master in a selected high priority watershed to increase water code compliance and enforcement, this will include providing funding for the water master to be a local contact to water users, provide a local compliance presence, protect the resource, reduce water use, and protect senior water rights, including instream flows.</p> <p>A7.2 NTA 1: Who will support municipal water systems' implementation of Washington Department of Health's Water Use Efficiency Rule, including establishing water conservation goals, metering, and reporting from all municipal suppliers by [when? If not 2013 need to specify an increment of progress by 2013]</p> <p>A7.2 NTA 2: [Who] will support an increase in periodic audits of industrial water users of [how much] by 2013.</p> <p>A7.2 NTA 3 : Building on existing public-private models, public utilities will adopt demand management strategies (such as tiered pricing structures) to discourage inefficient and unnecessary use of municipal water, particularly in flow-limited areas or low flow periods. By 2013, [x] number of utilities will have adopted demand management strategies.</p>	
<p><b>A7.3 Implement effective management programs for groundwater.</b></p>		<p>A7.3 NTA1: [who] will convene a stakeholder group to identify management options for exempt wells and make a recommendation to the Partnership and Ecology by [date].</p>	

List of Draft Near Term Actions considered for the 2011 Action Agenda Update

Sub-Strategy	Ongoing Programs	Near Term Action	Performance Measure
<b>A10. Implementation of other plans in a coordinated way and maintenance and enhancement of biodiversity</b>			
<p><b>A10.1 Biodiversity Strategy:</b>  <b>Implement existing biodiversity plans in a coordinated way while a more integrated planning approach is created.</b></p>		<p>A10.1 NTA 1: Identify a single state agency or commission to serve as coordinating entity for biodiversity programs (the Washington Biodiversity Council developed recommendations for a sustainable leadership strategy, available <a href="#">here</a>). This entity will be tasked with compiling biodiversity strategies and/or policies affecting biodiversity from across state and federal agencies, local governments, tribes, non-profits and others, and mapping these strategies to ensure they are complimentary and beneficial to terrestrial and freshwater species recovery.</p> <p>A10.1 NTA 2: DNR will increase resources for incentive-based landowner conservation programs to make them more accessible and easier to use. DNR will target resources toward high-priority terrestrial and freshwater biodiversity conservation areas and aim to <b>[placeholder to define increment of activity, e.g. number of landowners participating in incentive-based conservation programs and/or acres of land conserved through such programs]</b> by 2013.</p> <p>A10.1 NTA 3: Department of Commerce will accelerate the development of biodiversity markets with the goal of <b>[placeholder to define increment of activity, e.g. number of transactions or number of acres conserved through biodiversity market activity]</b> by 2013.</p> <p>A10.1 NTA 4: WDFW will expand technical assistance to support the efforts of local governments to plan and manage for biodiversity conservation with the goal of <b>[placeholder to define increment of activity, e.g. number of local governments incorporating biodiversity as a planning/land use consideration]</b> by 2013.</p>	<p>Formation of single entity to coordinate biodiversity activities in Washington State</p>
<p><b>A10.2 Terrestrial and Freshwater Species Recovery: Implement</b></p>		<p>A10.2 NTA 1: Appropriate state agencies will prioritize the implementation of restoration projects identified within existing terrestrial and freshwater species recovery plans.</p>	

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<b><i>existing species recovery plans in a coordinated way.</i></b>		A10.2 NTA 2: WDFW will use and augment existing species plans to create actionable work plans for imperiled terrestrial and freshwater species without existing or specified plans.	Number of actionable work plans for imperiled species currently lacking such plans
<b>A11. Prevent and respond to the introduction of freshwater and terrestrial invasive species</b>			
<b><i>A11.1 Prevent and rapidly respond to the introduction and spread of invasive species.</i></b>		<p>A11.1 NTA 1: The Recreation and Conservation Office will secure on-going funding for Council coordinator.</p> <p>A11.1 NTA 2: The Recreation and Conservation Office will implement key recommendations for the Puget Sound, as identified by the Invasive Species Council, which will prevent the introduction and spread of priority invasive species.</p> <p>A11.1 NTA 3: The Recreation and Conservation Office and WDFW will provide and strengthen invasive species outreach to engage stakeholders, close pathways, build community support, and maintain coordination and collaboration among partners.</p> <p>A11.1 NTA 4: The Invasive Species Council will expand baseline assessment to include all 50 of the Council's priority invasive species.</p> <p>A11.1 NTA 5: The Invasive Species Council will conduct a risk assessment of the full range of invasive species pathways in the Puget Sound Basin.</p> <p>A11.1 NTA 6: The Invasive Species Council will continue partnerships with the Oregon and Idaho invasive species councils to formulate regional policy recommendations and a region-wide strategic plan.</p> <p>A11.1 NTA 7: The Invasive Species Council and PSP will build and oversee an early detection/monitoring program for priority invasive species in the Puget Sound Basin.</p> <p>A11.1 NTA 8: WDFW will develop a plan for responding to a zebra/quagga mussel invasion in the Puget Sound Basin.</p> <p>A11.1 NTA 9: The Recreation and Conservation Office will enhance capacity for response by creating an emergency response fund available to state, local, and tribal governments and developing an MOU among agencies responsible for invasive species response.</p>	<p>Done or not</p> <p>Done or not; number of priority species included</p> <p>Done or not</p> <p>Done or not</p> <p>Done or not</p> <p>Done or not</p> <p>Done or not; funded or not</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
		<p>A11.1 NTA 10: The Recreation and Conservation Office will join existing efforts in California and Oregon to create a regional GIS-based, all-taxa invasive species mapping tool focused on serving the needs of land managers, regional planners and others working to prevent, control or manage invasive species.</p>	<p>Is there a better outcome we could measure here, how many species are mapped in the new tool, maybe?</p>
		<p>A11.1 NTA 11: WDFW will educate recreational boat owners and provide incentives for more frequent cleaning of boat hulls in freshwater marinas in the Puget Sound Basin.</p>	<p>Done or not; number of education events?; frequency of boat hull cleaning (is there any data on this?)</p>
		<p>A11.1 NTA 12: Washington Department of Agriculture will increase funding to WSDA invasive knotweed grant program.</p>	<p>Done or not; amount increase? Number of knotweed grants? Amount of knotweed destroyed/acres recovered?</p>
		<p>A11.1 NTA 13: Washington State Noxious Weed Control Board and Ecology will increase funds for Class A noxious weed eradication projects.</p>	<p>Done or not; amount increase? Number of class A projects implemented? Volume/amount of noxious weeds eliminated?</p>
		<p>A11.1 NTA 14: WDFW will develop and implement management plans to stop New Zealand mud snails from spreading including strategies for control and eradication.</p>	<p>Performance metric: done or not.</p>
<p><b>A11.2 Answer key invasive species research questions and fill information gaps.</b></p>		<p>A11.2 NTA 1: The Recreation and Conservation Office and PSP will identify key areas and ecosystems in the Puget Sound for invasive species monitoring.</p>	<p>Done or not</p>
		<p>A11.2 NTA 2: The Recreation and Conservation Office and PSP will conduct a risk assessment to assess environmental and economic impacts of invasive species in the Puget Sound Basin and incorporate short-term climate change considerations.</p>	<p>Done or not</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<b>B1. Use anticipated population and economic growth as a catalyst for recovery by building on existing efforts to establish protection and restoration priorities.</b>			
<b><i>B1.1 Ensure complete, accurate and recent information directly assists shoreline planning and decision making at the site-specific and regional levels</i></b>		<p>B1.1 NTA 1: Document science-based priorities for protection, restoration, enhancement and managed growth that reconcile sediment supply priorities with high-value areas for salmon, shellfish, and other natural resources. The outcome of this effort will be agreed upon maps or other documents showing the science-based priorities for protection, restoration, enhancement, and managed growth are at a drift cell (or below) scale.</p> <p>B1.1 NTA 2: [something on the sound-wide MSP / conservation vision]</p>	<p>Puget Sound Partnership convenes task force to unite priorities. Is the map done or not; is the map agreed to or not by December 2013.</p>
<b><i>B1.2 Monitor projects to effectively evaluate results and implement adaptive management.</i></b>		<p>B3.6 NTA 1: [PSP and WDFW] will institute a tracking system for nearshore projects by the end of 2012 to enable future evaluation of the effectiveness of actions taken.</p>	
<b><i>B1.3 Use outreach and education to encourage actions to protect and restore nearshore and marine habitats.</i></b>		<p>B1.3 NTA 1: [PSP, WHO and local governments] will work with stakeholders to improve understanding of protection and restoration project benefits.</p> <p>B3.7 NTA 2: [PSP, WHO and local governments] will seek local support in stewardship for restoration sites.</p>	
<b>B2. Protect and conserve relatively intact and relatively intact ecosystems to maintain the health of Puget Sound</b>			
<b><i>B2.1 Take actions that protect priority nearshore physical and ecological processes consistent with the Soundwide priorities identified in B1.</i></b>		<p>B2.1 NTA 1: Ensure all Partners have access to and are using the science-based priority maps identified in B1 to inform the locations of specific nearshore protection actions and projects.</p> <p>B2.1 NTA 2: Conserve at least [number of miles] of intact feeder bluffs and other documented sources of sediment to the nearshore.</p> <p>B2.1 NTA 3: Conserve [number of or acres of] relatively intact large river deltas and coastal embayments.</p>	<p>Percent of projects consistent with maps; goal is 100% consistent for state and federal funded projects; 80% (or 90?) consistency overall.</p> <p>Number of miles conserved; consistency with B1 maps (see NTA 1 above).</p> <p>Number of deltas/embayments and/or acres conserved; consistency with B1 maps (see NTA 1 above).</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b><i>B2.2 Prevent new shoreline armoring except where it is required to protect existing infrastructure from imminent risk.</i></b></p>		<p>B2.2 NTA 1: [Do we have any NTAs for this sub-strategy? Policy guidance, upcoming WAC changes?]</p>	
<p><b><i>B2.3 Where armoring is required, ensure that soft armoring techniques are used wherever they can be applied.</i></b></p>		<p>B2.3 NTA 1: [Which state agency], in consultation with local permitting agencies, will identify potential permit and economic incentives for soft armoring and pilot incentives in at least [number] jurisdictions by 2013. The goal is to encourage alternative shoreline erosion control and other innovative options to become operational in state and local permitting programs, including but not limited to incentives for armoring removals, nearshore restoration and other techniques (disincentives); incentives should apply to new armoring projects (where armoring is required) and to armoring repair and replacement efforts.</p>	<p>Done or not; number of jurisdictions that have piloted incentives; whether permits for soft armoring are easier to get than those for hard armoring.</p>
		<p>B2.3 NTA 2: WDFW, in consultation with other Agencies and experts, will publish design guidance on alternatives to hard armoring and the benefits and cost-effectiveness of soft armoring techniques by 2012.</p>	<p>Done or not.</p>
		<p>B2.3 NTA 3: [Who] will provide training about application of soft armoring techniques for bulkhead contractors and local planners/permit writers for at least [number] people by 2013. The training will focus on advantages and proper application of soft armoring to both new armoring projects and to repair and replacement projects and will use the new design guidance identified in NTA 2.</p>	<p>Number of individuals who have been through the training.</p>
<p><b><i>B2.4 Take actions to protect migratory corridors and vegetation particularly in sensitive areas such as eelgrass beds.</i></b></p>		<p>B2.4 NTA 1: [Something on discouraging over-water structures in eelgrass areas]</p>	
		<p>B2.4 NTA 2: [Who], in consultation with [who else], will identify potential permit, economic, and social incentives for community use docks. The goal of this effort is to significantly increase community use docks as a viable alternative to individual docks and to thereby reduce the total number of overwater structures in Puget Sound.</p>	<p>Done or not; number of community use docks (increase); number of private individual docks (decrease).</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
		B2.4 NTA 3: [Who], in consultation with [who else], will publish design guidance on construction, repair and rebuilding of overwater structures to increase light by 2012.	Done or not.
<b>B2.5 Take actions that protect intact marine environments and priority marine physical and ecological processes consistent with the Soundwide priorities identified in B1.</b>		<p>B2.5 NTA 1: Ensure all Partners have access to and are using the science-based priority maps identified in B1 to inform the locations of specific marine protection actions and projects.</p> <p>B2.5 NTA 2: Conserve at least [number of miles; acres?] of [is there a priority habitat type in the marine environment? Rockfish habitat?]</p>	<p>Percent of projects consistent with maps; goal is 100% consistent for state and federal funded projects; 80% (or 90?) consistency overall.</p> <p>Number of miles/acres conserved; consistency with B1 maps (see NTA 1 above).</p>
<b>B2.6 Give permitting agencies and local governments the tools and resources they need to ensure protection of nearshore and marine environments.</b>		<p>B2.6 NTA 1: [Who] will create a coordinated permit review and decision making process for shoreline significant development permits [other types of permits?] to provide additional efficiency and predictability for applicants and promote permitting agencies working together to ensure nearshore protection.</p> <p>B2.6 NTA 2: [something on increasing compliance and enforcement]</p> <p>B2.6 NTA 3: [something on requiring information and documentation from permittees on the fact that permit conditions are met; and monitoring]</p>	<p>Performance metric: done or not; some measure of how coordinated instead of sequential permits are? How quickly permit decisions are made?</p> <p>Performance metric: number of miles/acres conserved; consistency with B1 maps (see NTA 1 above).</p>
<b>B3. Implement and maintain priority nearshore and marine ecosystem restoration projects.</b>			
<b>B3.1 Use a variety of mechanisms to advance priority restoration projects.</b>		<p>B3.1 NTA 1: [Who] will ensure implementation of the priority restoration projects as identified in the Puget Sound Nearshore Ecosystem Restoration Project (PSNERP) Strategic Restoration Conceptual Engineering – Final Design Report for which 10% design exists by [date]. [Add increment of progress on this anticipated by 2013.]</p> <p>B3.1 NTA 2: [who] will ensure implementation of [how much/how many] nearshore restoration projects consistent with the [PSNERP strategies report] by [date]. [Add increment of progress on this anticipated by 2013.]</p>	<p>Number of projects funded; number implemented; amount of various nearshore habitats restored.</p> <p>Number of projects funded; number implemented; amount of various nearshore habitats restored.</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
		<p>B3.1 NTA 3: Locate mitigation banks, in lieu fee program sites, and advance mitigation sites consistent with the protection and restoration priorities identified in B1.</p> <p>B3.1 NTA 4: Increase the beneficial re-use of clean dredged material through the Dredged Material Management Program. Identify potential restoration sites that could qualify for placement of materials from routine maintenance dredge locations. Coordinate design and permitting of potential restoration sites to optimize the use of clean dredged material when it becomes available.</p>	
<p><b><i>B3.2 Provide incentives to encourage removal of armoring and associated fill and use of soft armoring techniques when bulkheads fail, need repair, and during redevelopment.</i></b></p>		<p>B3.2 NTA 1: [Who] will capitalize a low interest loan program to help homeowners remove armoring and restore nearshore processes and to replace hard armoring with soft shore or similar techniques [by when].</p> <p>B3.2 NTA 2:</p> <p>B3.2 NTA 3: [Who] will create a recognition program to highlight retrofits, redevelopments, bulkhead removals, and soft shoreline projects that demonstrate key techniques and restore nearshore processes by [when].</p>	<p>Number of loans? Miles of bulkhead replaced w/ soft armoring?</p> <p>Program in place or not; number of awards.</p>
<p><b><i>B3.3 Implement priority marine restoration actions consistent with the Soundwide priorities identified in B1.</i></b></p>		<p>B3.3 NTA 1: [who] will meet GMAP performance expectations for derelict vessel removals by [date].</p> <p>B3.3 NTA 2: [who] will apply USCG Large Vessel Task Force recommendations to Puget Sound by [date].</p> <p>B3.3 NTA 3: DNR will complete derelict creosote piling inventory of Puget Sound and remove 15,000 pilings by [date].</p> <p>B3.3 NTA 4: [who] will remove remaining derelict nets near shore in Puget Sound by [date].</p>	<p>Number or volume of removals.</p> <p>Provide and apply results to maritime community.</p> <p>Done or not; number of pilings removed; amount of removal in priority areas per B1?</p> <p>Performance metric: Complete removal of about 1000 known legacy nets.</p>
<p><b><i>B3.4 Accelerate restoration projects</i></b></p>		<p>B3.4 NTA 1: [State parks] will identify opportunities to remove hard armoring at Parks and will implement at least [number] of miles of armoring removal by [date].</p>	<p>Done or not; miles removed</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b><i>on public lands where government can lead by example.</i></b></p>		<p>B3.4 NTA 2: [USACE] will identify opportunities to remove hard armoring at federal facilities and work with responsible agencies to implement at least [number] of miles of armoring removal and/or softening by [date].</p> <p>B3.4 NTA 3: DNR, in collaboration with Ecology, DFW and Parks, shall deploy Puget SoundCorps crews on protection and restoration projects on state-owned lands.</p>	
<p><b><i>B3.5 Expand funding for restoration projects.</i></b></p>		<p>B3.5 NTA 1: Complete PSNERP General Investigation and seek authorization for construction.</p> <p>B3.5 NTA 2: Investigate other funding sources, including existing US Army Corps of Engineers authorities.</p> <p>B3.5 NTA 3: Create a dedicated fund to (a) support Puget SoundCorps crews to provide cost-effective restoration services on state-owned aquatic lands and (b) provide incentives for removal of armoring along Puget Sound shorelines that is not necessary for property protection.</p>	
<p><b>B4. Support economic viability of working waterfronts to help maintain ecosystem function and sustain quality of life</b></p>			
<p><b><i>B4.1 Ports/Marine Industry: Use, coordinate, expand and promote financial incentives and programs for best practices at ports and in the marine industry that are protective of ecosystem health.</i></b></p>		<p>B4.1 NTA 1: Ecology will provide funding assistance for marinas to meet requirements for stormwater discharge and pressure wash water treatment of copper from boat repair and maintenance activities.</p> <p>B4.1 NTA 2: A multi-party working group will explore the feasibility of expanding the phase-out of copper bottom paint: For recreational boats over 65 feet in length and/or commercial vessels of various sizes.</p> <p>B4.1 NTA 3: Ecology will provide funding assistance for ports and maritime industry to undertake comprehensive stormwater management planning.</p> <p>B4.1 NTA 4: Ecology and ports/marinas in Washington will jointly fund research and innovation in lower impact methods of shoreline armoring in an urban industrial context.</p>	<p>Number of marinas meeting stormwater discharge and pressure wash water treatment requirements</p> <p>Working group formation and timeline for development of recommendations</p> <p>Number of completed comprehensive stormwater management plans for ports and/or marinas.</p>

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Sub-Strategy	Ongoing Programs	Near Term Action	Performance Measure
<b>B5. Protect and recover marine &amp; nearshore species</b>			
<p><b>B5.1 Biodiversity Strategy:</b>  <i>Implement existing biodiversity plans in a coordinated way while a more integrated planning approach is created.</i></p>		<p>[Note: This strategy is described in detail in strategy A9.1] <span style="background-color: #90EE90;">[check that cross ref is still correct]</span></p>	
<p><b>B5.2 Marine and Nearshore Species Recovery:</b> <i>Implement existing marine and nearshore species recovery plans in a coordinated way.</i></p>		<p>B5.2 NTA 1: Appropriate state agencies will prioritize the implementation of their restoration projects identified within existing marine &amp; nearshore species recovery plans.</p> <p>B5.2 NTA 2: Use and augment existing species plans to create actionable work plans for imperiled species without existing or specified plans. Such species include: Geoduck Clam, Pinto Abalone, Olympia Oyster, Dungeness Crab, Pacific Hake, Pacific Cod, Walleye Pollock, and Rockfish</p>	<p>Number of actionable work plans for imperiled species currently lacking such plans</p>
<b>B6. Prevent and respond to the introduction of marine invasive species</b>			
<p><b>B6.1 Prevent and rapidly respond to the introduction and spread of marine invasive species.</b></p>		<p>B6.1 NTA 1: The Recreation and Conservation Office will secure on-going funding for Council coordinator.</p> <p>B6.1 NTA 2: The Recreation and Conservation Office will implement key recommendations for the Puget Sound, as identified by the Invasive Species Council, which will prevent the introduction and spread of priority invasive species.</p> <p>B6.1 NTA 3: The Recreation and Conservation Office and WDFW will provide and strengthen invasive species outreach to engage stakeholders, close pathways, build community support, and maintain coordination and collaboration among partners.</p> <p>B6.1 NTA 4: The Invasive Species Council will expand baseline assessment to include all 50 of the Council's priority invasive species.</p> <p>B6.1 NTA 5: The Invasive Species Council will conduct a risk assessment of the full range of invasive species pathways in the Puget Sound Basin.</p>	<p>Done or not; coordinator hired or not</p> <p>Done or not; number of priority species included</p> <p>Done or not</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
		B6.1 NTA 6: The Invasive Species Council and PSP will build and oversee an early detection/monitoring program for priority invasive species in Puget Sound marine waters.	Done or not
		B6.1 NTA 7: The Recreation and Conservation Office will enhance capacity for response by creating an emergency response fund available to state, local, and tribal governments and developing an MOU among agencies responsible for invasive species response.	Complete or not; funded or not
		B6.1 NTA 8: WDFW will develop and implement a hull fouling management strategy for recreational, commercial, and international shipping pathways.	Done or not; implemented or not; number of inspections? Other activities as described in the strategy.
		B6.1 NTA 9: WDFW will assess effectiveness of open sea exchange and treatment in meeting ballast water standards	Study done or not
<b>B8.2 Answer key invasive species research questions and fill information gaps.</b>		B6.2 NTA 1: The Recreation and Conservation Office and PSP will identify key areas and ecosystems in the Puget Sound for invasive species monitoring.	Done or not
		B6.2 NTA 2: The Recreation and Conservation Office and PSP will conduct a risk assessment to assess environmental and economic impacts of invasive species in the Puget Sound Basin and incorporate short-term climate change considerations.	Done or not
<b>C1. Implement toxic chemical and pollution policy and programs to reduce the release of chemicals</b>			
<b>C1.1 Develop safer alternatives to toxic chemicals in commercial use.</b>		C1.1 NTA 1: EPA will coordinate with the Department of Ecology in completing an assessment of alternatives to commercial uses of phthalates in 2012 as part of EPA's Phthalates Action Plan.	Phthalates alternatives assessment completed or not
		C1.1 NTA 2: Safer Roofing Alternatives. Ecology will create a task force to evaluate roofing materials and recommend strategies for promoting less-toxic alternatives by [date].	Evaluation of roofing materials completed or not, task force recommendations developed or not
		C1.1 NTA 3: Ecology and key stakeholders in business, government, and academia will develop a green chemistry road map for Washington by [date] outlining ways to promote the adoption of green chemistry practices.	Green chemistry road map developed or not

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b><i>C1.2 Advance programs to prevent chemicals from entering the Puget Sound environment.</i></b></p>		<p>C1.2 NTA 1: Ecology will complete development of a State Implementation Plan for the Tacoma air quality non-attainment area for fine particulates (PM 2.5) by 2012, and EPA will adopt the necessary regulations by 2013.</p>	<p>Tacoma PM 2.5 SIP completed or not</p>
		<p>C1.2 NTA 2: Ecology, working with its partners, will complete and implement the recommendations from the agency's PAH Chemical Action Plan by [date]. (The timing of Ecology's implementation of the PAH CAP may depend on the completion of the Tacoma SIP. Wood smoke actions in the CAP will build from the control strategies outlined in the Tacoma SIP. The CAP may also include diesel fleet retrofit activities and/or electrical shore power for ships at Port facilities.)</p>	<p>PAH chemical action plan completed or not, pounds/year of PAH reduced</p>
		<p>C1.2 NTA 3: Expand Vehicle Inspection Program. By [date] the Department of Ecology will expand existing vehicle emissions inspection programs in King and Pierce counties to include petroleum drips and leaks, or will work with the Washington State Patrol to expand its vehicle identification number and trailer inspection programs to address those issues in those counties. After an initial test period, the Department of Ecology and its partners will evaluate the results to determine if the program could/should be expanded to other counties.</p>	<p>Vehicle inspection program modified or not, number of enhanced inspections completed/year, volume of motor oil leaks and spills reduced</p>
		<p>C1.2 NTA 4: Implement recommendations of the auto shred task force. [Placeholder to add detail about the scope of this Task Force, the timeframe, and who will be implementing the recommendations. Some of this may be included in the ongoing programs section above.]</p>	
<p><b><i>C1.3 Provide education and technical assistance to prevent and reduce toxic releases.</i></b></p>		<p>C1.3 NTA 1: Landscaper Certification. The Department of Ecology will work with the Washington Department of Agriculture, business associations, and other stakeholders to establish a landscaper certification program to promote safe lawn care and reduce the use of copper in residential pesticides.</p>	<p>program established or not, volume of copper-based pesticides used at residential properties (or a similar measure of reduction in copper loading to Puget Sound from residential pesticides)</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
		<p>C1.3 NTA 2: The Department of Ecology will develop environmental opportunity assessments for 6 to 10 contracts for the new Washington Department of Enterprise Services; these assessments will identify environmentally preferable purchases that could help reduce toxic pollution and address other environmental goals.</p>	<p>number of completed “environmental opportunity assessments” for Department of Enterprise Services contracts, number of environmentally preferable purchases completed based on the assessments, pounds of hazardous wastes reduced per year</p>
<p><b><i>C1.4 Strengthen authorities and policies to deal with toxic chemicals.</i></b></p>		<p>C1.4 NTA 1: Alternatives to Copper in Pesticides. Ecology, in coordination with the Washington Department of Agriculture, will evaluate alternatives to copper in pesticides and will explore options, including legislation, to limit the use of copper-based pesticides for residential use, if better alternatives are available.</p> <p>Other near-term actions supporting this sub-strategy include C1.2 NTA 3 (Expand Vehicle Inspection Program), described above.</p>	<p>identification of alternatives to copper in pesticides, identification of options to limit the use of copper-based pesticides for residential use</p>
<p><b><i>C1.5 Increase compliance with and enforcement of environmental laws and standards.</i></b></p>		<p>None. Near-term work in this area is focused on implementing ongoing environmental compliance programs, including inspections and responses.</p>	
<p><b>C.2 Clean up pollution in Puget Sound’s marine and fresh waters</b></p>			
<p><b><i>C2.1 Implement water cleanup activities to restore dissolved oxygen levels in marine waters and address other water quality impairments.</i></b></p>		<p>None. Near-term work in this area is focused on implementing the requirements of existing water quality programs, including TMDLs. Near-term actions related to Puget Sound dissolved-oxygen issues are also identified in the centralized wastewater management strategy, C5.</p>	
<p><b><i>C2.2 Implement water cleanup activities to restore water quality at swimming beaches</i></b></p>		<p>C2.2 NTA 1: The Departments of Ecology and Health, working with the Steering Committee for the Puget Sound Assessment and Monitoring Program, will develop a program for coordinated environmental monitoring and notification of public health threats from contaminated water at freshwater swimming beaches. The Steering Committee will discuss a proposed approach for a beach monitoring program for the Puget Sound region by June 2013.</p>	<p>Development and adoption of a freshwater beach assessment and monitoring program</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b>C2.3 Clean up contaminated sites.</b></p>		<p>In addition, near-term actions to address wastewater pollution, a key source of contamination of swimming beaches, are discussed in strategies C4-C6.</p> <p>C2.3 NTA 1: Ecology will continue its Bellingham Bay Demonstration Pilot Program to clean up 12 hazardous waste sites by 2015 and conduct six habitat restoration projects in Bellingham Bay in coordination with federal, tribal, state, and local organizations.</p> <p>C2.3 NTA 2: Ecology will continue to control pollutant sources and remediate toxics in the Lower Duwamish by completing two Source Control Action Plans in 2011-13.</p>	<p>Number and acres of habitat restoration projects completed, remedial investigation/feasibility study for cleanup sites completed, cleanup construction completed</p> <p>Number of Source Control Action Plans completed for Lower Duwamish</p>
<p><b>C2.4 Develop and implement local and tribal pollution identification and correction (PIC) programs.</b></p>		<p>None. Near-term work in this area is focused on implementing existing PIC programs to protect public health and sensitive waters.</p> <p>Specific near-term actions supporting this sub-strategy are also identified in other strategies, including stormwater source control actions (C3.4 NTA 1) and efforts to manage small on-site sewage systems (C4.1 NTA 1, evaluation of the state on-site sewage system rule, and C4.1 NTA 2, standards of practice for local health jurisdictions).</p>	
<p><b>C3 Use a comprehensive approach to manage urban stormwater runoff at the site and landscape scales</b></p>			
<p><b>C3.1 Manage urban runoff at the basin and watershed scale</b></p>		<p>C3.1 NTA 1: <u>Protect best remaining streams</u>: King County, in cooperation with agencies populating the Puget Sound Stream Benthos database, identify and map remaining streams with “excellent” B-IBI scores and develop an overall strategy and tailored actions to protect these areas.</p> <p>C3.1 NTA 2: <u>Watershed characterization</u>: Washington State Department of Ecology, in cooperation with the Puget Sound Partnership, completes the Puget Sound Watershed Characterization Project and shares information &amp; guidance from this &amp; EPA-funded watershed planning projects to inform local land use planning decisions regarding where to protect, develop, or restore. Follow up with finer scale analyses to determine locations and types of restoration strategies.</p>	<p>Map of all streams with “excellent” B-IBI scores; robust strategies and actions to protect the stream drainages.</p> <p>Completed study; developed and distributed guidance or report; local governments using this in land use planning; local governments and state using this to inform restoration efforts.</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
		<p>C3.1 NTA 3: <u>System mapping</u>: Washington State Department of Ecology, in cooperation with local governments, works to better understand and manage the region’s stormwater infrastructure, develop protocols, methodology and definitions, and develop geo-referenced databases that can be compiled into an overall geo-referenced database of the Sound’s regulated, municipal stormwater system.</p>	<p>Protocols, methodology and definitions to guide mapping and documentation efforts; completed geo-referenced database.</p>
<p><b><i>C3.2 Prevent problems from new development at the site &amp; subdivision scale</i></b></p>		<p>C3.2 NTA 1: Muni NPDES Permits: Washington State Department of Ecology reissues the municipal NPDES permits and provides financial assistance to permittees for implementation, particularly for code changes, stormwater system mapping, operations and maintenance, inspections and enforcement. Ensure permits contain requirements for LID and status and trends monitoring; effectiveness studies; and source control. Provide additional resources to Ecology for permit oversight and enforcement. Provide incentives to NPDES permittees who, by interlocal agreement, lead or carry out regional or watershed scale NPDES implementation.</p> <p>C3.2 NTA 2: Treatment: Washington State Department of Ecology evaluates under which circumstances (i.e., for which pollutants, from which land uses) discharges to Puget Sound should be required to provide treatment beyond sediment removal (i.e., TSS removal) to help meet 2020 recovery targets.</p> <p>C3.2 NTA 3: LID: Washington Stormwater Center and Puget Sound Partnership provide guidance on proper siting, design, review, installation &amp; maintenance of LID practices. Provide guidance and model ordinances to help local governments add LID requirements to codes and standards. Develop and share information on LID projects, cost comparisons, performance, longevity, maintenance needs, incentives, successes and challenges.</p> <p>C3.2 NTA 4: Outside permitted areas: Washington State Department of Ecology provides assistance to help non-permitted local governments reduce stormwater impacts to high priority areas, such as shellfish growing areas, salmon-bearing streams, and nearshore areas.</p>	<p>Reissued permits with LID and monitoring requirements; financial assistance provided to permittees; incentives provided to permittees for regional implementation; additional resources to Ecology.</p> <p>Evaluation with supporting documentation.</p> <p>Updated guidance and model ordinances; distribution of info on projects &amp; other listed needs</p> <p>Assistance provided to non-permitted local governments; reduced impacts from stormwater discharges to high priority areas</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
		<p>C3.2 NTA 5: Evaluate unpermitted areas: Washington State Department of Ecology evaluates unpermitted areas with documented stormwater discharges to shellfish growing areas, or discharges causing other harms, for potential municipal NPDES permit coverage.</p> <p>C3.2 NTA 6: Vesting: Washington Stormwater Center or Puget Sound Institute assess projected implications and impacts of current state vesting laws on aquatic resources and beneficial uses. Prepare report for the Science Panel, ECB and LC.</p>	<p>Evaluation of non-permitted areas for inclusion in 2013 municipal permit.</p> <p>Proposed performance measure: Report on projected implications and impacts of current vesting laws.</p>
<p><b><i>C3.3 Fix problems caused by existing development (structural upgrades; regular &amp; enhanced maintenance)</i></b></p>		<p>C3.3 NTA 1: Retrofits: Washington State Department of Ecology and Puget Sound Partnership, in partnership with local governments, develop a regional prioritization process for structural stormwater retrofits. Assess the level of effort (i.e., projects and acreage) needed. Develop new funding for planning and construction, and begin projects. Include retrofits to transportation network.</p> <p>C3.3 NTA 2: Restore degraded streams: King County, in cooperation with agencies populating the PS Stream Benthos database, identify &amp; map stream drainages with “fair” B-IBI scores, and develop prioritized list, strategies and actions to improve scores of 30 of these streams.</p> <p>C3.3 NTA 3: Legacy pollutants: Washington State Department of Ecology, in cooperation with local governments, provides guidance and financial assistance to local governments to help them remove legacy pollutant loads from their stormwater systems.</p> <p>C3.3 NTA 4: Retrofit in permits: Washington State Department of Ecology ramps up retrofit requirements in municipal NPDES permits and provides technical and financial assistance to permittees for development and implementation of programs.</p>	<p>New regional SW retrofit prioritization process; development of new funding source; assessment of level of effort needed.</p> <p>Map of targeted drainages; prioritized list for restoration; strategies, actions, and budgets.</p> <p>Shared guidance; financial assistance to permittees.</p> <p>Clearer, increased requirements for retrofits in municipal permits with ramp-up time; technical and financial assistance to permittees.</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<b>C3.4 Control sources of pollutants</b>		<p>C3.4 NTA 1: Source control: Washington State Department of Ecology provide guidance and financial assistance to local governments to establish &amp; carry out pollution identification &amp; correction programs to reduce bacteria loadings to shellfish growing areas, carry out TMDL actions, and reduce toxics, nutrients and bacteria to nearshore areas.</p> <p>C3.4 NTA 2: Inspections: Washington State Department of Ecology provides technical and financial assistance to local governments to carry out broader inspection, assistance and enforcement programs for business and construction sites. Use results of toxics loading studies to target and prioritize efforts.</p> <p>C3.4 NTA 3: Vehicle leak program: Puget Sound Partnership, in cooperation with WSDOT and advisory committee, convene group to discuss options for developing a new program to inspect and eliminate privately-owned vehicle drips and leaks.</p>	<p>Guidance and financial assistance to local governments on local pollution identification &amp; correction programs.</p> <p>Increased number of inspections, assistance, and enforcement.</p> <p>Report on options, benefits, costs, feasibility</p>
<b>C3.5 Provide focused stormwater-related education and training</b>		<p>C3.5 NTA 1: Education: Puget Sound Partnership, Washington State Department of Ecology, and local governments develop funding for and carry out broad stormwater-focused education and behavior change campaign. Emphasize problems, sources, solutions and roles, funding needs, and stormwater management on home lots. Provide focused information for legislators on problems, issues, funding needs, results of toxics loading studies, 2020 recovery targets, and ideas and options relating to needed product bans and phase-outs.</p> <p>C3.5 NTA 2: Training: Washington Stormwater Center; Washington State Department of Ecology and Puget Sound Partnership provide focused training for local government staff on LID project review; inspections and approvals, and to local government staff and private sector on maintenance. Develop new professional certification for stormwater maintenance specialists. Provide business staff and contractors with training on source control, spill recognition, spill response, and erosion control.</p>	<p>Funding and implementation of campaign; behavior changes of homeowners; information to legislators</p> <p>Increased professional training with additional emphases on topics listed; new certification for maintenance specialists; new source control training for businesses.</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b><i>C3.6 Assess effectiveness of actions and effects on the environment</i></b></p>		<p>C3.6 NTA 1: Monitoring &amp; assessment: Washington State Department of Ecology, in cooperation with Stormwater Work Group, carries out the recommendations of the Stormwater Work Group for status &amp; trends monitoring; BMP and program effectiveness; and source control. Develop priorities for and expand implementation of the 2010 Stormwater Monitoring and Assessment Strategy for the Puget Sound Region beyond municipal permit requirements.</p>	<p>Recommendations of the SWG implemented; SWG develops priorities for expanded implementation (to other permits and land uses).</p>
		<p>C3.6 NTA 2 WA. Stormwater Center: Washington Stormwater Center develops ongoing, stable funding for the Washington Stormwater Center to conduct research on stormwater BMPs; and provide municipalities and businesses with needed information and assistance.</p>	<p>Stable funding for the WA Stormwater Center; stormwater research projects and sharing of info; needed assistance to municipalities and businesses</p>
		<p>NTA 3.6.3 CSOs: Washington State Department of Ecology, EPA, and communities with combined sewers develop and share annual report on progress in reducing CSO events. Evaluate existing reduction plans in terms of 2020 targets.</p>	<p>Annual reports on progress. Evaluation of existing reduction plans.</p>
<p><b>C4. Prevent, reduce and/or eliminate pollution from decentralized wastewater treatment systems</b></p>			
<p><b><i>C4.1 Effectively manage and control pollution from small on-site sewage systems.</i></b></p>		<p>C4.1 NTA 1: DOH, in consultation with LHJs, will evaluate the effectiveness of the state OSS rule, identify potential changes, and outline recommendations to the State Board of Health by 2013.</p>	<p>Done or not</p>
		<p>NTA C4.1 NTA 2: DOH will coordinate with LHJs and other interests to develop standards of practice for O&amp;M providers in the Puget Sound region by [date]. These standards will focus on providing standard criteria and guidance for successful O&amp;M activities.</p>	<p>Standards complete or not; number of O&amp;M inspections completed per standards?</p>
		<p>NTA C4.1 NTA 3: DOH will evaluate public domain OSS treatment technologies for nitrogen reduction and develop standards and guidance for their use if testing results indicate the technologies are effective and reliable by [date].</p>	<p>Evaluation complete or not; standards and guidance (if appropriate) done or not; number of OSS where nitrogen reduction technologies are deployed.</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<b><i>C4.2 Effectively manage and control pollution from large on-site sewage systems.</i></b>		None. Near-term work in this area is focused on implementation of existing program requirements and the new LOSS rule.	
<b><i>C4.3 Improve and expand funding for on-site system maintenance, repair and replacement.</i></b>		<p>NTA C4.3 NTA 1: LHJs will work with DOH, policy makers and other interests to develop legislation that will allow the county treasurer to collect local board of health fees needed to implement on-site management plans via property tax statements. The funding authority will allow inspection, monitoring, reporting, education and compliance activities and associated technology and infrastructure. Funding authority is needed for entire county OSS management areas and should not be limited to MRAs or special study areas.</p> <p>NTA C4.3 NTA 2: DOH, Ecology, and Puget Sound Partnership will help evaluate options and support proposals to fund a unified, self-sustaining, low-interest loan program in the Puget Sound region to help homeowners repair and replace on-site sewage systems.</p>	
<b>C5. Prevent, reduce and/or eliminate pollution from centralized wastewater systems</b>			
<b><i>C5.1 Reduce the concentrations of contaminant sources of pollution conveyed to wastewater treatment plants through education and appropriate regulations, including improving pre-treatment requirements.</i></b>		C5.1 NTA 1: Ecology will require increased annual monitoring for the full priority pollutant scan for all industrial users in pretreatment programs by 2013.	Done or not; number of industrial users who complete an annual full priority pollutant scan.
<b><i>C5.2 Reduce pollution loading to Puget Sound by preventing and reducing Combined Sewer Overflows.</i></b>		None. Near-term work in this area is focused implementation of existing program requirements.	

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b><i>C5.3 Improve the reliability of the wastewater collection system by reducing inflow, infiltration and exfiltration.</i></b></p>		<p>NTA C5.3 NTA 1: [Who] In accordance with NPDES permits issued under the Clean Water Act, will reduce SSOs [by how much] in all areas of Puget Sound, beginning with MRAs by [date]. [Add increment of progress by 2013.]</p>	<p>Reduction in SSOs in MRAs and overall</p>
		<p>NTA C5.3 NTA 2: [Who] will reduce inflow and infiltration in centralized wastewater collection systems in all areas of Puget Sound [by how much],beginning with watersheds with declining baseflows or watersheds closed to additional withdrawals or otherwise water stressed, by [date]. [Add increment of progress by 2013.]</p>	<p>Reduction in I&amp;I in priority watersheds and overall</p>
		<p>NTA C5.3 NTA 3: [Who] will reduce exfiltration in all areas of Puget Sound [by how much], beginning with watersheds and marine waters where bacteria concentrations violate water quality standards, by [date]. [Add increment of progress by 2013.]</p>	<p>Reduction in exfiltration in priority watersheds and overall</p>
		<p>NTA C5.3 NTA 4: [Who] will complete evaluations of I/I project effectiveness in Puget Sound Basin and review evaluations from elsewhere to determine the potential effectiveness of I/I reduction programs by [date].</p>	<p>Done or not</p>
<p><b><i>C5.4 Implement priority upgrades of municipal and industrial wastewater facilities in urban and urbanizing areas to increase the effectiveness of treatment and reduce pollution loads to Puget Sound.</i></b></p>		<p>NTA C5.4 NTA 1: The Department of Ecology will complete the South Sound Dissolved Oxygen Study by August 2012. If the study shows that something needs to be done to protect dissolved oxygen levels in South Puget Sound, Ecology will initiate a plan to improve water quality. Ecology will complete the Puget Sound Dissolved Oxygen Model in 2012, which will identify any other areas of concern in Puget Sound</p>	<p>Complete or not</p>
		<p>NTA C5.4 NTA 2: The Department of Ecology will accelerate other ongoing efforts, including the TMDL process, to identify areas where enhanced wastewater treatment may be needed. In Puget Sound, results from TMDLs and water cleanup plans for Budd Inlet/Deschutes River will be available in 2013.</p>	<p>Complete or not</p>
		<p>NTA C5.4 NTA 3: EPA and Ecology will advocate for continued funding of State Revolving Fund sources to support wastewater infrastructure upgrades.</p>	

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b><i>C5.5 Ensure all centralized wastewater treatment plants meet discharge permit limits through compliance monitoring, technical assistance, and enforcement where needed.</i></b></p>		<p>None. Near-term work in this area is focused on implementing the requirements of existing programs.</p>	
<p><b><i>C5.6 Promote appropriate reclaimed water projects to reduce pollutant loading to Puget Sound.</i></b></p>		<p>NTA C5.6 NTA 1: The Departments of Ecology will resume the Reclaimed Water Rule no earlier than 2013 or as directed by the Governor. The intent of this rule is to encourage the appropriate use of reclaimed water.</p> <p>NTA C5.6 NTA 2: The Department of Ecology will develop materials that describe the full range of beneficial uses for reclaimed water, best and appropriate uses, and public health issues (in consultation with the Department of Health) to expand market demand for reclaimed water. The draft guidance document developed for the rule is also on hold with the Reclaimed Water Rule until 2013 at the earliest.</p> <p>NTA C5.6 NTA 3: As part of the future Reclaimed Water Rule, The Partnership and the Department of Ecology will develop a comprehensive outreach and education approach to promote the appropriate use of reclaimed water, including incentives for reclaimed water use where appropriate, and reduce barriers to reclaimed water projects.</p>	

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<b>C6. Rethinking how We Plan for and Approach Wastewater Control and Management</b>			
<p><b><i>C6.1 Include assessment of cumulative impacts in planning and permitting for centralized and decentralized wastewater systems in comprehensive plans.</i></b></p>		<p>NTA C6.1 NTA 1: The Departments of Commerce, Ecology and Health will encourage communities to more comprehensively provide for wastewater treatment on a watershed basis, using water budgeting tools and striving to use all water resources available (including reclaimed water) to meet the needs of people and the environment by aligning existing plans and planning process to more effectively meet wastewater treatment and management needs. This might take the form of a pilot program in a watershed that has or will soon have a full TMDL assessment and a water cleanup plan.</p>	<p>Pilot project done or not?</p>
		<p>NTA C61 NTA 2: The Departments of Commerce, Ecology and Health will identify shoreline areas outside urban growth boundaries where residential densities are great enough that it may be appropriate to extend centralized wastewater collection systems and that are in close enough proximity to centralized treatment that extension of infrastructure may be feasible. The goal of this effort is completion of one pilot project by 2012.</p>	<p>Pilot program in place or not.</p>
<b>C7. Control and manage pollution from discharges of wastewater from boats &amp; vessels</b>			
<p><b><i>C7.1 Establish No Discharge Zones for commercial and/or recreational vessels in all parts of Puget Sound that have nutrient and/or pathogen problems, have high vessel use, or are significant sources for shellfish production.</i></b></p>		<p>C7.1 NTA 1: [By date] the Departments of Ecology and Health will conduct an evaluation and draft a petition to EPA to establish a No Discharge Zone for commercial and recreational vessels to eliminate bacteria, nutrients, and pathogens from being discharged to all or parts of Puget Sound . Prioritize areas of the Sound that have nutrient and/or pathogen problems, have high vessel use, are significant for shellfish production, and/or that are otherwise especially vulnerable.</p>	<p>Done or not?</p>
		<p>C7.1 NTA 2: The Departments of Ecology and Health, with NEP grant funding, will coordinate with Washington State Parks’ Clean Vessel Program to assist in construction, repair and monitoring of pumpout stations to meet requirements of the No Discharge Zone petition.</p>	<p>Number of pumpout stations improved? Amount of monitoring? Whether there are stations adequate to support a no discharge zone designation?</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b>C8. Improve shellfish water quality and increase harvestable, upgraded shellfish acres in commercial production and use. Coordinate, expand and promote financial incentives and programs for working aquatic lands that are protective of ecosystem health to provide abundant shellfish for commercial, subsistence, and recreational harvest consistent with ecosystem protection.</b></p>			
<p><b><i>C8.1 Shellfish Bed Protection: Protect and prevent downgrade of important current commercial areas.</i></b></p>		<p>C8.1 NTA.1: Assist counties in establishing and funding sustainable PIC programs to identify and fix nonpoint pollution problems with an emphasis on bacterial and viral control from for example, septic systems, agricultural runoff, pet waste, and boater discharges. These programs should routinely monitor water bodies, reach out to their communities to educate and inform them, and take actions to address problems, including enforcement.</p> <p>C8.1 NTA 2: Provide start-up and planning funding for Shellfish Protection Districts, including voluntary SPDs.</p> <p>C8.1 NTA 3: Replicate model programs, such as those in Henderson Inlet and Oakland Bay, that create coordinated, locally-driven efforts to protect and improve shellfish growing areas to create a best practices library or menu highlighting successful strategies so that jurisdictions do not have to reinvent the wheel.</p> <p>C8.1 NTA: 4 [Something about acting more quickly or in a more concerted way when growing areas show up on the threatened list? Lessons learned from Samish beyond that we need sustainable non-point programs in every county?]</p>	<p>Number of PIC assessments completed; need a target number of assessments; % of shellfish growing areas covered by a PIC program[should there be a geographic target to this action, e.g. emphasizing threatened areas and/or MRC w/out pic programs in place?]</p> <p>Amount of funding provided; number of new SPDs established.</p> <p>Best practices library complete or not; number of replicate efforts/programs.</p> <p>Reduction in the number of growing areas on the annual threatened inventory.</p>
<p><b><i>C8.2 Encourage environmentally responsible shellfish culture, gardening, restoration and enhancement based on the best</i></b></p>		<p>C8.2 NTA 1: The Puget Sound Restoration Fund, in collaboration with individual tideland owners, Tribes, Marine Resource Committees of the NWSC, WDFO and other state and local partners, will accelerate restoration of the Olympia oyster by restoring 100 acres of beds by 2020.</p>	<p>Done or not; acres restored; number of participating homeowners/individual sites; increased native oyster seed settlement and recruitment in historic Olympia Oyster areas.</p>

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<b>available science.</b>		<p>NTA C8.2 NTA 2: Replicate projects using mussel culture or other suspended or beach culture to mitigate nitrogen pollution in sensitive areas, such as the project in Quartermaster Harbor. This aquaculture application serves to encourage public-private opportunities to reduce nitrogen impacts that are both efficient and cost effective and provide an alternative to advanced wastewater treatment technology.</p> <p>C8.2 NTA 3: [Are more NTAs needed? Something on shellfish gardening? Other restoration efforts? On use/application of the recently developed BMPs for shellfish restoration?]</p>	Number of replicate projects?
<b>C8.3 Resolve conflicts between aquaculture and upland uses.</b>			None. Near-term work in this area is focused on implementation of ongoing programs especially marine spatial planning and the Department of Ecology’s final Shoreline Management Act rule amendment to include geoduck aquaculture under county Shoreline Master Program updates.
<b>C8.4 Implement NOAA’s Sustainable Aquaculture Policy [reference] and the proposed National Shellfish Initiative Policy [reference].</b>		C8.4 NTA 1 [Discussions are ongoing about implementation of these policies/initiatives relative to Puget Sound shellfish and near term actions will be added as they are identified. Some issues that may be addressed are: the efficiency and effectiveness of permitting for shellfish aquaculture and restoration; ecosystem services provided by shellfish (e.g., filtering, nitrogen removal); and science needs.	
<b>C9. Agricultural Runoff</b>			
<b>C9.1 Target voluntary and incentive-based programs in ways that will best contribute to Puget Sound recovery.</b>		<p>C9.1 NTA 1: [who] will identify which, if any, NRCS best management practices should be modified or tailored to more effectively account for local conditions and support Puget Sound protection and recovery and make any needed modifications by [date].</p> <p>C9.1 NTA 2: [Anything on reducing toxics?]</p> <p>C9.1 NTA 3: Fund and implement voluntary incentive, stewardship and technical assistance programs for rural unincorporated landowners, hobby farms, working farms and nurseries .</p>	

**List of Draft Near Term Actions considered for the 2011 Action Agenda Update**

<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b><i>C9.2 Ensure compliance with regulatory programs designed to reduce, control or eliminate pollution from working farms.</i></b></p>		<p>C9.2 NTA 1: The Departments of Agriculture and Ecology and the Conservation Commission will establish priorities and develop related policies to effectively work together address pollution from agricultural lands by [date].</p>	<p>Done or not</p>
<p><b>C10. Surface Runoff from Forest Lands</b></p>			
<p><b><i>C10.1 Demonstrate achievement of water quality standards through implementation of the Forest and Fish Report on state and privately owned working forests.</i></b></p>		<p>NTA1: Stabilize and diversify funding for the Forest Practices AMP, training and certification, compliance monitoring, and enforcement.</p> <p>NTA2: Obtain an independent performance review of the Forest Practices AMP to include an evaluation of the structure and function of the program, based on its performance, efficiency and accountability.</p>	
<p><b><i>C10.2 Complete road maintenance and abandonment plans on public and privately held working forests.</i></b></p>		<p>NTA1: Clear the current backlog of Family Forest Fish Passage Program projects within the Puget Sound Basin. As of September 2011, there are 148 projects that would open about 90 miles of habitat at an estimated cost of \$15 million.</p> <p>NTA2: Complete a resource risk assessment of small forest landowner roads for the delivery of sediment to waters of the state and begin restoration on small forestlands in key watersheds in the Puget Sound Basin. Watersheds could be prioritized based on Ecology sediment gauging station data or Watershed Characterization analysis to identify the three highest priority watersheds for restoration based on SFL road systems. Conduct physical road condition risk assessments and fish passage barrier inventories for selected watersheds, focusing on high-risk, willing landowners.</p> <p>NTA3: Maintain adequate financial support for the Family Forest Fish Passage Program based on the resource risk assessment and prioritization. This should build on strong existing partnerships with federal agencies such as USDA Natural Resource Conservation Service, US Fish &amp; Wildlife Service, NOAA Fisheries, EPA, and Bonneville Power Administration, as well as outreach to private sector and nonprofit sector funding sources.</p>	

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<p><b>C10.3</b> <i>Ensure road systems in Federal forests meet the same substantive standards for maintenance and abandonment under the Washington Forest Practices rules as those state and privately owned forests.</i></p>		<p>NTA1: Secure executive-level participation from U.S. Forest Service in annual RMAP coordination meetings with landowners, WDFW, Ecology, affected tribes, NOAA-Fisheries, USFWS, affected counties, watershed councils and other interested parties within each watershed (per <a href="#">WAC 222-24-051(9)</a>). Participants will discuss opportunities to provide a coordinated approach within each watershed resource inventory area by (1) prioritizing road maintenance and abandonment planning and (2) exchanging information on road maintenance and stream restoration projects.</p> <p>NTA2: Pursue increased funding to the US Forest Service for the repair of failing legacy roads on federal forestlands in collaboration with the Washington Watershed Restoration Initiative and Washington’s congressional delegation.</p>	
<p><b>C11 Effectively prevent, plan for and respond to oil spills</b></p>			
<p><b>C11.1</b> <i>Prevention: Emphasize risk-based analyses to improve marine safety.</i></p>		<p>NTA1: Assess trends in incidents and near-misses to better target inspections and inform standards. LEAD – Study, Ecology</p> <p>NTA2: Evaluate marine traffic models to better identify and mitigate high-risk areas and activities. LEAD – Study, Ecology</p> <p>NTA3: Strengthen marine safety standards in shared waters of WA/BC through consultation and coordination. LEAD – Ecology</p>	
<p><b>C11.2</b> <i>Readiness: Restore State's participation in and evaluation of drills while promoting better integration of tribes and locals.</i></p>		<p>NTA4: Re-establish an appropriate level of tabletop drill participation by oil spill contingency planners at Ecology and WDFW LEAD – Ecology</p> <p>NTA5: Promote the integration of locals (governments, community, etc.) in State-organized drills and updates of Northwest Area Plan. LEAD – Ecology</p>	
<p><b>C11.3</b> <i>Response: Integrate best</i></p>		<p>NTA6: Initiate and complete BAT rulemaking. LEAD - Ecology</p>	

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<i>Sub-Strategy</i>	<i>Ongoing Programs</i>	<i>Near Term Action</i>	<i>Performance Measure</i>
<b><i>achievable technology (BAT) to promote safe and continuous oil spill recovery.</i></b>		NTA7: Formulate Action Plan to implement transboundary recommendations of Pacific States/BC Task Force LEAD - Ecology	