

Puget Sound Basin Accomplishments

Note: This regional report is not intended to be comprehensive, rather it is representative of accomplishments across Puget Sound that will benefit each of the Action Areas.

| Puget Sound Action Agenda Strategic Priority | Long-Term Strategies or Near-Term Actions | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|---|
| A: Protect | <p>Invasive Species (Baseline/Database Work) - Near-term Actions A.5 3. Develop a Puget Sound baseline and database of invasive species to guide control efforts.</p> | <p>The Washington Invasive Species Council has received a \$220,000 contract from EPA National Estuary Program to implement its top three priorities from their strategic plan in Puget Sound basin. The Leadership Council approved this project in 2009. The project will identify priority invasive species to Puget Sound, develop baseline information related to them, develop and implement a web based informational clearinghouse sharing information, and develop an outreach and education strategy. Work is proceeding well and will be completed within the year. The Partnership serves on the Council as an ex-officio member. The Council has identified 50 top priority species and has collected information for 15 of them in the Puget Sound basin.</p> |
| A: Protect | <p>Invasive Species (Ballast Water) - Near-Term Action: A.5(2) Enhance state ballast water compliance program and support a federal/state and/or West Coast cooperative management approach.</p> | <p>WDFW is moving forward to adopt regulations to set ballast water discharge standards that are consistent with those proposed by US Coast Guard. WDFW hopes to adopt these in 2011. The Partnership is an active member of the stakeholder group advising WDFW in this process.</p> |
| A: Protect | <p>Invasive Species (Tunicate Survey, Research, Assessment, Control, and Eradication) - Near-Term Action: A.5(4) Enhance and target existing capacity to rapidly respond to immediate invasive species risks.</p> | <p>PSP has a \$330,000 contract with WDFW to control and eradicate an invasion of marine animals called tunicates. WDFW's work will stop the invasion from spreading. Under this contract WDFW will also collect information to improve the state's ability to manage tunicates of concern in Puget Sound. WDFW: 1) Conducts underwater surveys for the presence or absence of these invaders, 2) Will identify all pathways by which these animals arrive in Puget Sound and how they are spread within the Sound, 3) Conducted an assessments of the invasive risks and economic impacts of nonnative tunicates in Puget Sound and 4) Will evaluate genetic links between various populations of invasive tunicates to understand how these animals arrived and how they spread. Eradication work is ongoing at Blaine and Semiahmoo marinas in Whatcom County, Pleasant Harbor and Holmes Harbor on Hood Canal in Jefferson County, Elliot Bay marina in Seattle and at the Dockton marina in King County.</p> |
| B: Restore | <p>Invasive Species (Spartina Eradication) - Near-Term Action: A.5(4) Enhance and target existing capacity to rapidly respond to immediate invasive species risks.</p> | <p>WSDA is actively and very successfully working with its partners to eradicate an infestation of Spartina in Puget Sound. Over the last 8 years WSDA has reduced the total acreage of Spartina from 1000 solid acres in PS to less than 150 acres. They anticipate reducing the acreage to almost zero within the next 4 years at their current level of funding.</p> |
| C: Reduce Pollutant Sources | <p>LID Technical Assistance (Professional Training) - Near Term Action: C.2(3) Provide financial and technical assistance to cities and counties to implement NPDES Phase I and II permits...</p> | <p>During 2007-09, a total of 1100 professionals from all action areas received comprehensive technical training on all aspects of low impact development at the 16 2-day WSU/Partnership LID Technical Workshop Series. In addition, approximately 125 professionals received LID certification from WSU and the Partnership.</p> |
| C: Reduce Pollutant Sources | <p>LID Technical Assistance (LID Guideline Improvements) - Near Term Action C.2(3) Provide financial and technical assistance to cities and counties to implement NPDES Phase I and II permits...</p> | <p>Several technical aspects of low impact development were advanced during 2007-09, including improvement of bioretention soil specification guidelines and development and sharing of the most recent and advanced guidelines for pervious concrete and porous asphalt. Much of this technical work will contribute to the next edition of the LID Technical Guidance Manual for Puget Sound, which will be produced and distributed during 2009-11.</p> |

Hood Canal Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|---|
| A: Protect | Shoreline Master Program Update | Kitsap, Mason, and Thurston Counties and associated cities are currently undertaking their Shoreline Master Program updates; Jefferson County SMP is complete and awaiting Ecology review |
| A: Protect | Invasive Species (Tunicate Eradication) - Near-Term Action: A.5.4 Enhance and target existing capacity to rapidly respond to immediate invasive species risks. | PSP has a \$330,000 contract with WDFW to control and eradicate an invasion of marine animals called tunicates. WDFW's work will stop the invasion from spreading. Under this contract WDFW will also collect information to improve the state's ability to manage tunicates of concern in Puget Sound. WDFW: 1) Conducts underwater surveys for the presence or absence of these invaders, 2) Will identify all pathways by which these animals arrive in Puget Sound and how they are spread within the Sound, 3) Conducted an assessment of the invasive risks and economic impacts of nonnative tunicates in Puget Sound and 4) Will evaluate genetic links between various populations of invasive tunicates to understand how these animals arrived and how they spread. Eradication work is ongoing at Pleasant Harbor and Holmes Harbor on Hood Canal in Jefferson County |
| A, B: Protect/Recover | Salmon/Ecosystem Recovery | Implement 3-yr workplans to recover Puget Sound Chinook and Hood Canal Summer Chum; allocated approx. \$3.5 million in funds for salmon and ecosystem recovery projects, including multiple fish barrier removal projects, acquisition of high value properties, etc |
| A, B, C: Protect/Recover/Reduce Pollutants | Low Dissolved Oxygen Study | Project continues to analyze data, and synthesize information and develop marine and terrestrial models related to low dissolved oxygen and the influence of human-generated nitrogen from such sources as sewage, stormwater, land use, and habitat (riparian, ag lands, and forest practices). |
| A, B, C: Protect/Recover/Reduce Pollutants | WRIA 17 Planning Unit | Drafted DIP, Technical Committee work on DIP priorities; Water Demand/Supply/Availability study high priority; updating instream flow rules; budget funding restored |
| A, B, C: Protect/Recover/Reduce Pollutants | WRIA 16/14B Planning Unit | Prioritizing DIP recommendations; implementing Hood Canal monitoring strategy; updating instream flow rules; budget funding restored |
| A, B, C: Protect/Recover/Reduce Pollutants | Septic Systems | Shorebank Septic Loan Program instrumental in providing loans to property owners to fix septic systems around Canal (over \$3 million in Kitsap County alone); successful activities of the Pollution Identification and Control program identifying and addressing fecal coliform issues from failing OSS systems and animal waste |
| C: Reduce Pollutant Sources | Wastewater Treatment Facilities | Began construction on the Belfair advanced WW treatment plant and the associated infrastructure; secured, through the 2010 Supplemental Capital Budget, \$1.645 M to begin construction of the Potlatch "Bubble" WWTP and water reclamation project. Both projects will pay dividends in Nitrogen reduction in Lower Hood Canal. |
| C. Reduce Pollutant Sources | Shellfish Protection Districts | Shellfish Protection District Programs implemented in multiple counties. Shellfish Partners implemented. |

Hood Canal Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|---|
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - Mason County | As a result of the Low Impact Development Local Regulation Assistance Project and a grant from Ecology, Mason County (2006 recipient of the regulation assistance) adopted LID regulations for the Allyn and Belfair Urban Growth Areas. The county also adopted the LID Technical Guidance Manual for Puget Sound, and Ecology's Stormwater Management Manual for Western Washington, or UGAs. |
| D: Work Together | Hood Canal Integrated Watershed Plan | Launched by the Hood Canal Coordinating Council, the IWP brings together major stakeholders and groups in the HC to inventory current activities, identify gaps, develop outreach and education opportunities, and attract new funding for Hood Canal efforts; includes workgroups on stormwater and wastewater that have begun; also includes the DOP through Aquatic Ecosystem Health work |
| D: Work Together | ECO Network/HCWEN | Awarded block grants to launch Puget Sound Starts Here campaign and other education and outreach tools; launched "Do Some Good for the Hood" campaign |
| D: Work Together | Local Integration | Currently working with Hood Canal Coordinating Council to be Local Integrating Organization |
| D: Work Together | Ocean Acidification | Using \$150 K of the PSP's EPA funding, a group of academic, industry and agency resource scientist have designed and begun studies on OA in South Puget Sound and in Hood Canal. Detailed ocean chemistry monitoring combined with field studies (begun in July 2009, and continuing into the fall of 2010) will test potential of corrosive water on native oysters in South Sound, and on Pacific (Japanese) oysters in Dabob Bay, HC. This study will provide important information on how serious this phenomenon is to Puget Sound and its shelled resources, especially oysters and clams. Atmospheric CO2 and upwelled water in Hood Canal and off the coast are important factors related to OA. |

North Central Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|--|
| A: Protect | Shoreline Master Program Update | County recently concluded their inventory process and assembled a citizen advisory group for the SMP process; process to be completed in 2011; cities are on similar timeline |
| A, B: Protect/Restore | Salmon Recovery | Updating 3 year workplans for salmon recovery; using PSAR and SRFB funding, implementing approx \$1.3 million in projects on-the-ground projects such as Chico Creek, Barker Creek, Carpenter Creek, Strawberry Plant, Powell Shoreline Restoration, etc; actively pursuing federal assistance for Chico Creek restoration |
| A, B: Protect/Restore | Ecosystem Recovery | secured \$2.8 million for Carpenter Creek Estuary restoration; project to start this summer and will restore 28 acres of estuarine habitat; aquired Devil's Head property in collaboration with other lead entities; Navy launches Sinclair and Keyport Lagoon restoration efforts; Nearshore Fish Utilization project examining fish assemblages nearshore in Kitsap County; Forage Fish DNA study to learn more about homing and site use by forage fishes; completed DOE Watershed Assessment |
| B: Restore | EPA Grants | Secured 3 EPA grants, including a shoreline restoration project, shellfish restoration and protection, and sustainable watershed planning grant; Kitsap County has launched its Alternative Futures project |
| C: Reduce Pollutant Sources | Low Impact Development Projects | secured funds to implement LID project in Bremerton; complements other ongoing LID projects throughout Bremerton |
| C: Reduce Pollutant Sources | Stormwater/Wastewater Management | STORM partnership of regional governments for improved water quality; successful completion of Dyes Inlet Restoration Project targeting fecal coliform issues; continued success of the Pollution Identification and Control program resulting in reopened shellfish beds; Board of Commissioners established "Water is a Resource" policy; success of Shorebank in providing loans for septic repair |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - Kitsap County | With assistance from an Ecology grant, Kitsap County (and other cities) developed the LID Guidance Manual – A Practical Guide to LID Implementation in Kitsap County (check to see if this is exact title—if it is, then italicize) (July 1, 2009). |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Port Orchard | As a result of the LID Local Regulation Assistance Project, the City of Port Orchard (2006 recipient) adopted LID standards via ordinance in March 2008; a Planned LID chapter was adopted in 2009. The city also adopted the Kitsap LID guidance manual. |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Poulsbo | As a result of LID Local Regulation Assistance Project, the City of Poulsbo (2005 recipient) adopted LID standards via ordinance. The city also adopted the Kitsap LID guidance manual. |
| D: Work Together | Lead Entity | Adopting operating structure and procedures; broadening representation and increasing participation from various entities around the Action Area to advance salmon protection |
| D: Work Together | Local Integration | Exploring models and pathways to implement a LIO in North-Central Action Area |
| D: Work Together | ECO Network | Awarded block grants to launch Puget Sound Starts Here campaign and other education and outreach tools |
| D: Work Together | Beach Watchers Program | Established a Beach Watchers program in Kitsap County to engage and educate the public about shorelines |
| D: Work Together | Vision 2040, Puget Sound Regional Council | Pursuing funding to implement demonstration programs for high density housing, transit corridors, and low impact development; implementing growth management strategies consistent with Vision 2040 |

North Central Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|--|
| A: Protect | Shoreline Master Program Update | County recently concluded their inventory process and assembled a citizen advisory group for the SMP process; process to be completed in 2011; cities are on similar timeline |
| A, B: Protect/Restore | Salmon Recovery | Updating 3 year workplans for salmon recovery; using PSAR and SRFB funding, implementing approx \$1.3 million in projects on-the-ground projects such as Chico Creek, Barker Creek, Carpenter Creek, Strawberry Plant, Powell Shoreline Restoration, etc; actively pursuing federal assistance for Chico Creek restoration |
| A, B: Protect/Restore | Ecosystem Recovery | secured \$2.8 million for Carpenter Creek Estuary restoration; project to start this summer and will restore 28 acres of estuarine habitat; aquired Devil's Head property in collaboration with other lead entities; Navy launches Sinclair and Keyport Lagoon restoration efforts; Nearshore Fish Utilization project examining fish assemblages nearshore in Kitsap County; Forage Fish DNA study to learn more about homing and site use by forage fishes; completed DOE Watershed Assessment |
| B: Restore | EPA Grants | Secured 3 EPA grants, including a shoreline restoration project, shellfish restoration and protection, and sustainable watershed planning grant; Kitsap County has launched its Alternative Futures project |
| C: Reduce Pollutant Sources | Low Impact Development Projects | secured funds to implement LID project in Bremerton; complements other ongoing LID projects throughout Bremerton |
| C: Reduce Pollutant Sources | Stormwater/Wastewater Management | STORM partnership of regional governments for improved water quality; successful completion of Dyes Inlet Restoration Project targeting fecal coliform issues; continued success of the Pollution Identification and Control program resulting in reopened shellfish beds; Board of Commissioners established "Water is a Resource" policy; success of Shorebank in providing loans for septic repair |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - Kitsap County | With assistance from an Ecology grant, Kitsap County (and other cities) developed the LID Guidance Manual – A Practical Guide to LID Implementation in Kitsap County (check to see if this is exact title—if it is, then italicize) (July 1, 2009). |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Port Orchard | As a result of the LID Local Regulation Assistance Project, the City of Port Orchard (2006 recipient) adopted LID standards via ordinance in March 2008; a Planned LID chapter was adopted in 2009. The city also adopted the Kitsap LID guidance manual. |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Poulsbo | As a result of LID Local Regulation Assistance Project, the City of Poulsbo (2005 recipient) adopted LID standards via ordinance. The city also adopted the Kitsap LID guidance manual. |
| D: Work Together | Lead Entity | Adopting operating structure and procedures; broadening representation and increasing participation from various entities around the Action Area to advance salmon protection |
| D: Work Together | Local Integration | Exploring models and pathways to implement a LIO in North-Central Action Area |
| D: Work Together | ECO Network | Awarded block grants to launch Puget Sound Starts Here campaign and other education and outreach tools |
| D: Work Together | Beach Watchers Program | Established a Beach Watchers program in Kitsap County to engage and educate the public about shorelines |
| D: Work Together | Vision 2040, Puget Sound Regional Council | Pursuing funding to implement demonstration programs for high density housing, transit corridors, and low impact development; implementing growth management strategies consistent with Vision 2040 |

San Juan - Whatcom Action Area (San Juan County): Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|--|
| A. Protect | Protect high value habitat: Acquire high priority habitat identified in Salmon Recovery Plan. | Shoreline landowner survey and habitat protection blueprint completed for identifying non-impacted, protected, at risk, and high value sites, and landowners interested in long term protection. |
| A. Protect | Protect high value habitat: Implement San Jaun Marine Stewardship Area Plan | 2010 Workplan to continue the implementation of the San Juan Marine Stewardship Area Plan completed by Marine Resource Committee. |
| A. Protect | Protect high value habitat: Implement San Jaun Marine Stewardship Area Monitoring Plan | San Juan Marine Stewardship Area Monitoring Plan completed by Marine Resource Committee, along with database and maps of existing monitoring programs. |
| A. Protect | Update and implement regulatory programs: Critical Area Ordinance and Shoreline Master Plan Update | Critical Area Ordinance update currently underway by San Juan County Dept. of Planning and County Planning Commission. Shoreline Master Plan update to follow. |
| B. Restoration | Implement priority ecosystem restoration projects: Salmon Recovery three-year workplan | San Juan Lead Entity submitted three-year workplan update for 2010-2012. An RFP has been released for synthesizing existing data for prioritization of habitat restoration projects. The following habitat restoration projects were completed: Deer Harbor pool removal, Shoal Bay tide gate removal, Turn Point salt marsh restoration, and Shoal Bay forage fish beach restoration. |
| B. Restoration | Implement priority ecosystem restoration projects: Remove derelict fishing gear | Derelict Fishing Gear Removal Program currently underway, including removal, protection and research activities. Working toward goal to remove 90% of derelict gear. |
| C. Reduce Pollutant Sources | Prevent pollution: Oil spill response program | Marine Resource Committee is finalizing its Oil Spill Response Plan to identify its role in the event of a large oil spill. Islands' Oil Spill Association of San Juan County implementing oil spill response program and volunteer training. |
| C. Reduce Pollutant Sources | Prevent pollution: San Juan Pollution Prevention Program | Marine Resource Committee is participating in the Dept. of Ecology Local Source Control Program, which provides funding for the San Juan Pollution Prevention Program. The program has provided 200 technical assistance site visits to businesses in the County that generate or dispose of hazardous materials. The program will work with PSP to provide an LID workshop for professionals this summer. |
| D. Work Together | Coordinate long-term strategy for implementing priority actions: Canadian organizations | Transborder Marine Protected Areas Initiative implementation underway in partnership with Canada. |
| D. Work Together | Coordinate long-term strategy for implementing priority actions: Orca Recovery Plan | Marine Resource Committee working with NOAA to implement recovery measures. Center for Whale Research in San Juan County continuing survey studies of Southern Resident Killer Whale. |
| E. Implement Action Agenda | Implement Action Agenda: Science program | Lead Entity released RFP to synthesize, analyze, and display key data layers from assessment data that will be used to identify priority projects. Marine Resource Committee Science Subcommittee implementing monitoring plan for Marine Stewardship Area. |
| E. Implement Action Agenda | Implement Action Agenda: Communication, outreach, education | Kicked off "Puget Sound Starts Here" campaign; Partnership \$5K for San Juan ECO Net startup and ads. |
| E. Implement Action Agenda | Implement Action Agenda: Local integrating Organization | Recommendations for Local Integrating Organization being considered by County Council and Tribes for approval and review by Leadership Council. |

North Central Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|---|
| A: Protect | Shoreline Master Program Update | County recently concluded their inventory process and assembled a citizen advisory group for the SMP process; process to be completed in 2011; cities are on similar timeline |
| A, B: Protect/Restore | Salmon Recovery | Updating 3 year workplans for salmon recovery; using PSAR and SRFB funding, implementing approx \$1.3 million in projects on-the-ground projects such as Chico Creek, Barker Creek, Carpenter Creek, Strawberry Plant, Powell Shoreline Restoration, etc; actively pursuing federal assistance for Chico Creek restoration |
| A, B: Protect/Restore | Ecosystem Recovery | secured \$2.8 million for Carpenter Creek Estuary restoration; project to start this summer and will restore 28 acres of estuarine habitat; acquired Devil's Head property in collaboration with other lead entities; Navy launches Sinclair and Keyport Lagoon restoration efforts; Nearshore Fish Utilization project examining fish assemblages nearshore in Kitsap County; Forage Fish DNA study to learn more about homing and site use by forage fishes; completed DOE Watershed Assessment |
| B: Restore | EPA Grants | Secured 3 EPA grants, including a shoreline restoration project, shellfish restoration and protection, and sustainable watershed planning grant; Kitsap County has launched its Alternative Futures project |
| C: Reduce Pollutant Sources | Low Impact Development Projects | secured funds to implement LID project in Bremerton; complements other ongoing LID projects throughout Bremerton |
| C: Reduce Pollutant Sources | Stormwater/Wastewater Management | STORM partnership of regional governments for improved water quality; successful completion of Dyes Inlet Restoration Project targeting fecal coliform issues; continued success of the Pollution Identification and Control program resulting in reopened shellfish beds; Board of Commissioners established "Water is a Resource" policy; success of Shorebank in providing loans for septic repair |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - Kitsap County | With assistance from an Ecology grant, Kitsap County (and other cities) developed the LID Guidance Manual – A Practical Guide to LID Implementation in Kitsap County (check to see if this is exact title—if it is, then italicize) (July 1, 2009). |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Port Orchard | As a result of the LID Local Regulation Assistance Project, the City of Port Orchard (2006 recipient) adopted LID standards via ordinance in March 2008; a Planned LID chapter was adopted in 2009. The city also adopted the Kitsap LID guidance manual. |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Poulsbo | As a result of LID Local Regulation Assistance Project, the City of Poulsbo (2005 recipient) adopted LID standards via ordinance. The city also adopted the Kitsap LID guidance manual. |
| D: Work Together | Lead Entity | Adopting operating structure and procedures; broadening representation and increasing participation from various entities around the Action Area to advance salmon protection |
| D: Work Together | Local Integration | Exploring models and pathways to implement a LIO in North-Central Action Area |
| D: Work Together | ECO Network | Awarded block grants to launch Puget Sound Starts Here campaign and other education and outreach tools |
| D: Work Together | Beach Watchers Program | Established a Beach Watchers program in Kitsap County to engage and educate the public about shorelines |
| D: Work Together | Vision 2040, Puget Sound Regional Council | Pursuing funding to implement demonstration programs for high density housing, transit corridors, and low impact development; implementing growth management strategies consistent with Vision 2040 |

South Central Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|---|
| A: Protect | Update and implement regulatory programs: Local government shoreline master program updates | Complete: Kent, Auburn, Redmond, Woodinville, Orting Near complete: King County, Kirkland, SeaTac Other governments plan to be complete in 2010 or 2011 |
| A: Protect | Protect high value habitat: Implement King and Pierce county transfer development rights program | King and Pierce counties have TDR programs in place; King County is working to enhance their program via an EPA watershed assistance grant award; Puget Sound Regional Council also received an EPA watershed assistance grant to establish an incentive for city participation in a regional TDR program |
| A: Protect | Protect high value habitat: Implement habitat conservation plans (forest and fish plans, Cedar River, Green River, and Tacoma) | HCPs being implemented by appropriate local governments and groups |
| A: Protect | Growth and development: Implement regional growth strategy in Puget Sound Regional Council's "Vision 2040" Plan | Local governments implementing growth management plans consistent with regional growth strategy in Puget Sound Regional Council's "Vision 2040" Plan |
| A: Protect | Protect high value habitat: Implement White River Biodiversity Stewardship Plan | The Pierce County Biodiversity Alliance (PCBA) is leading this project. They are engaging landowners and citizens in learning and stewardship through rapid biological inventory (BioBlitz), data collection (NatureMapping), and community planning. |
| A: Protect | Protect and Conserve water flows: Promote water conservations and cost-effective reuse | King County conducting a process to develop a reclaimed water comprehensive plan that promotes water conservation and reuse for various applications |
| A: Protect | Invasive Species (Tunicate Eradication) - Long term A.5.4 Continue to implement targeted and strategic efforts to contain, control, and eradicate existing infestations of invasive species that impair ecosystem processes. Near-term: A.5.4 Enhance and target existing capacity to rapidly respond to immediate invasive species risks. | PSP has a \$330,000 contract with WDFW to control and eradicate an invasion of marine animals called tunicates. WDFW's work will stop the invasion from spreading. Under this contract WDFW will also collect information to improve the state's ability to manage tunicates of concern in Puget Sound. WDFW: 1) Conducts underwater surveys for the presence or absence of these invaders, 2) Will identify all pathways by which these animals arrive in Puget Sound and how they are spread within the Sound, 3) Conducted an assessments of the invasive risks and economic impacts of nonnative tunicates in Puget Sound and 4) Will evaluate genetic links between various populations of invasive tunicates to understand how these animals arrived and how they spread. Eradication work is ongoing at Elliot Bay marina in Seattle and at the Dockton marina in King County. |
| B: Restore | Implement salmon recovery three-year work plans for WRIAs 8, 9, 10/12: Puget Sound Acquisition and Restoration (2007-2009 & 2009-2011 bienniums) | WRIAs 8, 9, and 10/12 implemented \$11,174,988 of salmon habitat restoration and protection projects, including the following notable projects: White River Acquisition & Setback Levee, Cedar River Royal Arch Reach Acquisitions, North Winds Weir |
| B: Restore | Implement salmon recovery three-year work plans for WRIAs 8, 9, 10/12: Salmon Recovery Funding Board (2007, 2008, 2009 grant rounds) | WRIAs 8, 9, and 10/12 implemented \$4,655,391 of salmon habitat restoration and protection projects, including the following notable projects: Clearwater River LWD Project, Green River Levee Setbacks and Restoration, South Prairie Creek Acquisition |
| B: Restore | In-lieu fee mitigation pilot | Pierce County is partnering with PSP to pilot a regional in-lieu fee mitigation program in the Puyallup/White Watershed (WRIA 10) |
| B: Restore | Set levees back and restore floodplains along Cedar, Sammamish, Green/Duwamish, Puyallup and White rivers | Salmon recovery restoration activities in WRIAs 8, 9, and 10/12 prioritize levee setbacks and floodplain restoration in key habitat areas for restoration along these rivers. As part of a proposal for a EPA watershed assistance grant, WRIA 9 coordinated with multiple local governments in the Green River Valley to begin to think collectively about integrated floodplain management, including levee setbacks as a way to improve flood storage and restore salmon habitat. WRIA 10/12 completed a levee setback feasibility study to identify priority projects for implementation. City of Seattle Public Utilities received EPA watershed assistance grant for a community partnership for riparian restoration on the Lower Cedar River to conduct knotweed removal/management, partnering with SPU, Cascade Land Conservancy, and Friends of the Cedar River Watershed |

South Central Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|---|
| B: Restore | Monitoring of aquatic/riparian habitats in Lake Washington/Cedar/Sammamish Watershed | King County received an EPA watershed assistance grant to continue and enhance monitoring of salmon habitat; WRIA 8 continues status and trends monitoring for Chinook salmon. |
| B: Restore | Protect and restore Duwamish and Puyallup estuary transition zone habitats | WRIA 9 continues to prioritize the Duwamish transition zone for salmon habitat restoration. In 2010, after roughly 10 years of planning, study, and coordination, the North Winds Weir project was completed, restoring two acres of off-channel salmon habitat along the Duwamish River. |
| C: Reduce Pollutant Sources | Lower Duwamish River cleanup | The potentially responsible parties, including Boeing, King County, City of Seattle, and Port of Seattle are working with EPA and Ecology to determine the extent of contamination in Duwamish sediments and what needs to be cleaned up In 2009, NOAA released the Draft Lower Duwamish River NRDA Programmatic Restoration Plan and Programmatic Environmental Impact Statement, to assess the environmental impacts associated with plans for restoration actions to address legacy hazardous waste |
| C: Reduce Pollutant Sources | Commencement Bay cleanup | EPA is focusing on sediment cleanup through its Superfund Program, while Ecology works on cleaning up toxic sites and preventing future pollution through the Urban Waters Initiative. The City of Tacoma is leading efforts to restore habitat and prevent future pollution to the bay. |
| C: Reduce Pollutant Sources | Brightwater Treatment Plant construction | Construction of innovative, membrane treatment system to reduce nutrient and pollution to Puget Sound |
| C: Reduce Pollutant Sources | Manage stormwater runoff: King County Combined Sewer Overflow control planning | King County conducting a process to update their CSO Control Plan |
| C: Reduce Pollutant Sources | Manage stormwater runoff: Low impact development technical assistance to local governments | PSP provided funds to City of Kent to integrate low impact development into their development codes and regulations |
| C: Reduce Pollutant Sources | Manage stormwater runoff: Develop stormwater retrofit plan for Green/Duwamish Watershed | King County received an EPA watershed assistance grant to develop a Stormwater Retrofit Plan, including estimates for retrofitting all development lands of Puget Sound |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Federal Way | As a result of the LID Local Regulation Assistance Project, the City of Federal Way (2008 recipient) incorporated the tree retention and tree units per acre standards into their clearing and grading and tree and vegetation retention standards. |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Issaquah | As a result of the LID Local Regulation Assistance Project, the City of Issaquah (2005 recipient) updated their stormwater regulations to include LID (approved February 2010), focused on getting water in the ground without excessive burden on developers; next step is changes to the Issaquah Municipal Code. |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Kirkland | As a result of the LID Local Regulation Assistance Project, the City of Kirkland (2006 recipient) passed Chapter 113 (clustering) of the Zoning Code. Changes were made from the original recommendations; the city adopted the 2009 King County Surface Water Design Manual (effective 1/1/2010); City of Kirkland evaluates LID feasibility for each project in its capital improvement program. |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Mill Creek | As a result of the LID Local Regulation Assistance Project, the City of Mill Creek (2008 recipient) adopted the recommendations in part, including LID standard plans and details. |
| C: Reduce Pollutant Sources | Local Low Impact Development Regulations - City of Normandy Park | As a result of the LID Local Regulation Assistance Project, the City of Normandy Park (2006 recipient) adopted small site drainage manual; LID practices and BMPs are encouraged with incentives. |

South Central Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|--|
| D: Work Together | Advance regional cooperation: South Central Action Area Caucus Group | watersheds, environmental community, agricultural community, business community, tribes, and King County ECO Net); established regular bimonthly meetings; initiated work to sequence local Action Agenda priority actions and strategies |
| D: Work Together | Green Shorelines booklet and workshops | Promoted the City of Seattle's Green Shorelines booklet providing information about "green"/"soft" alternatives to shoreline armoring on Lake Washington and Lake Sammamish; conducted workshop series for agencies, property owners, contractors, and the public, to raise awareness, discuss challenges and incentives for implementation, and assess opportunities for regulatory streamlining |
| D: Work Together | Incentivizing low impact shoreline development by piloting green shores for homes on the City of Seattle's Lake Washington shorelines and San Juan County marine shorelines | City of Seattle received EPA watershed assistance grant in partnership with San Juan County to develop and pilot green shorelines incentives approach to shorelines on Lake Washington |
| D: Work Together | King and Pierce County ECO Net groups | <p>ECO Net groups functioning in King and Pierce counties, including developing outreach and education messages and advance public engagement through the Puget Sound Starts Here campaign, including awarding small outreach grants, and participating on the South Central Action Area Caucus Group</p> <p>Grants will go to the following efforts: <u>King County (approximately \$5,000 to promote Puget Sound Starts Here capmpaign and \$25,000 to increase public engagement):</u> * Bringing Puget Sound Stewardship Home to Low-Income/Immigrant Students * Duwamish Community Environmental Health Fair and Workshop * Puget Sound Student Science Symposium * Rain Gardens * Terry Home Storm Pond-to-Rain Garden Conversion, Demonstration and Outreach Project" * Training Stormwater Citizen Activists * Watershed Report * Vetted Facts * Elementary school (K-12) Art & Video contest</p> <p><u>Pierce County (approximately \$5,000 to promote Puget Sound Starts Here capmpaign and \$25,000 to increase public engagement):</u> * Raising Public Awareness and Engagement in Pierce County, including Pierce County fact sheet with vetted facts, updating the News Tribune environment activities page, connect with citizen groups and increase engagement * Intensive Natural Yard Care Program in the Crescent Creek Drainage, including evening natural yard care workshops, follow-up survey results, postcard advertising one-on-one technical assistance, 20+ one page recommendation reports prepared for individual homeowners, establishment of a "Natural Yard Care slow-release fertilizer demonstration site", screen capture of a social networking site dedicated to Crescent Valley, and before and after stream water quality sampling results * County-wide Facebook campaign to publicize Puget Sound Starts Here campaign, poster distribution, advertisements, and presentations to community groups</p> |
| D: Work Together | "Puget Sound Starts Here" campaign | Develop and promote education and outreach messages for the public on stormwater management and individual actions to reduce impacts |

South Sound Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|--|
| A: Protect | Protect high value habitat: Acquire high priority marine and fresh water habitat. | Acquisition of high priority habitat in Eld Inlet, Totten Inlet; Twin River Ranch at Oakland Bay; Devils Head; Mashel River, Nisqually River completed; additional property acquisitions currently underway. |
| A: Protect | Update and implement regulatory programs: Shoreline Master Plan updates | Pierce, Thurston, Mason, Kitsap Counties and cities of Lacey, Olympia and Tumwater currently conducting Shoreline Master Program updates. |
| A: Protect | Protect and conserve water flows: Reclaimed water | LOTT Alliance expanded its water reuse facilities and nutrient removal to Hawks Prairie and is now expanding to Chambers Prairie area. |
| B. Restoration | Implement priority ecosystem restoration projects: Estuary restoration | Completed restoration of Nisqually estuary in 2009; returning 762 acres back to estuary or saltwater marsh habitat. |
| B. Restoration | Implement priority ecosystem restoration projects: Salmon Recovery three-year workplans | Nisqually Watershed (WRIA 11): Implemented restoration projects in 3-year workplan including Nisqually River estuary, Mashel River and Ohop Creek habitat restoration projects. Constructing weir to manage hatchery fish; developing hatchery management and adaptive management plans. |
| B. Restoration | Implement priority ecosystem restoration projects: Salmon Recovery three-year workplans | South Sound Watersheds (WRIA 11, 10/12, 13, 14, 15): Implemented 3-year workplan projects including developing criteria for selecting a project of regional significance (Devil's Head) and developing tools for selecting priority restoration projects. Habitat restoration projects completed at Powell Creek, Frye Cove, Lackamas Creek, Eld Inlet, Clover Creek, and other areas. |
| B. Restoration | Implement priority ecosystem restoration projects: existing basin protection and restoration plans | Implementation of comprehensive basin plans underway in Pierce County to address flood hazards, floodplain protection, and water quality in the watersheds. |
| B. Restoration | Implement priority ecosystem restoration projects: Support habitat and shoreline restoration efforts | Implemented Budd Inlet Phase II interjurisdictional project to identify, prioritize and display habitat restoration sites. |
| B. Restoration | Revitalize waterfront communities | Clean Marina Programs implemented at Port of Shelton; Cleanup of Budd Inlet dioxin-contaminated sediment on two shipping berths completed by Port of Olympia. |
| C. Reduce Pollutant Sources | Prevent pollution: Implement existing Watershed Action Plans | Pierce County Watershed Action Plans to reduce and prevent sources of nonpoint water pollution currently being implemented. |
| C. Reduce Pollutant Sources | Prevent pollution: Implement Shellfish Protection Districts | Shellfish Protection District Programs implemented in Kitsap, Mason, Pierce, and Thurston Counties. Shellfish Partners implemented. |
| C. Reduce Pollutant Sources | Implement Clean Water Strategies: Oakland Bay Clean Up | Oakland Bay Sa-Heh-Wa-Mish Initiative and Oakland Bay Clean Water District strategies implemented; Watershed grant awarded to continue clean up work led by Squaxin Island Tribe. |
| C. Reduce Pollutant Sources | Manage on-site sewage systems: Reopen shellfish-producing areas | Shellfish-producing areas opened in North Bay, Oakland Bay, Henderson Inlet, Nisqually Reach and other areas. |
| C. Reduce Pollutant Sources | Manage on-site sewage systems: Implement management plans | On-site management plans being implemented in Pierce, Thurston, Mason and Kitsap counties. |
| C. Reduce Pollutant Sources | Upgrade Sewage Treatment in the Oakland Bay and Johns Prairie watershed near Shelton | A state-of-the-art satellite treatment and water reclamation facility was completed on the west side of Shelton and serves the Shelton Correction facility, the State Patrol and residences in the Mountain View vicinity. ARRA funding was secured and directed at a \$25 M upgrade to the main Shelton WWTP. This will protect valuable shellfish resources in Oakland Bay and Hammersley Inlet. |
| C. Reduce Pollutant Sources | Local Low Impact Development Regulations - Thurston County | As a result of the LID Local Regulation Assistance Project, Thurston County (2005 recipient) updated their stormwater management manual to include LID based on recommendations provided. |
| D: Work Together | Coordinate long-term strategy for implementing priority actions: Local integration organization | SPS Workgroup assigned by SPS tribal and county elected officials is currently meeting to develop proposal for Local Integration Organization (LIO). |

South Sound Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|---|
| D: Work Together | Ocean Acidification (OA) | Using \$150 K of the PSP's EPA funding, a group of academic, industry and agency resource scientist have designed and begun studies on OA in South Puget Sound and in Hood Canal. Detailed ocean chemistry monitoring combined with field studies (begun in July 2009, and continuing into the fall of 2010) will test potential of corrosive water on native oysters in South Sound, and on Pacific (Japanese) oysters in Dabob Bay, HC. This study will provide important information on how serious this phenomenon is to Puget Sound and its shelled resources, especially oysters and clams. Atmospheric CO2 and upwelled water in Hood Canal and off the coast are important factors related to OA. |
| E. Implement Action Agenda | Implement Action Agenda: Communication, outreach, education | Kicked off "Puget Sound Starts Here" campaign; Partnership \$5K for Thurston and Mason County ECO Net startup and ads. |

Strait of Juan de Fuca Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|--|
| A: Protect | Critical Areas Ordinance (City of Sequim) - Update and Implement Critical Areas Ordinance for the City of Sequim | Delayed to 2010 (budget constraints) - part of SMP Update process; Update on progress provided at 2/26/2010 Clallam Work Group Meeting |
| A: Protect | Detailed Implementation Plan (WRIA 18 West) - Develop and Implement Watershed Planning (2514) - Detailed Implementation Plan (DIP) for WRIA 18 West | Initiation of the Phase 4 Detailed Implementation Plan delayed due to instream flow work going on in WRIA 18 East; WRIA 18 West ready to develop DIP; Planning Unit focused on water conservation education until DIP is developed |
| A: Protect | Detailed Implementation Plan (WRIA 19) - Complete Watershed Plan (2514) and Develop and Implement Detailed Implementation Plan (DIP) for WRIA 19 | Final draft watershed plan, which includes instream flows, currently being reviewed by initiating governments |
| A: Protect | Detailed Implementation Plans (WRIA 17) - Implement Watershed Planning - Detailed Implementation Plan (DIP) for WRIA 17 | Drafted DIP; WRIA 17 Technical Committee continuing work on DIP priorities; Water Demand/Supply/Availability study seems to be highest priority; Jefferson PUD #1 RFP for consultants to perform study closed 2/12/2010 with study to be completed by June 2010; Capital budget funding will continue to support Planning Unit, but only for next 6-8 months |
| A: Protect | Instream Flow (WRIA 17) - Establish, Implement, and Enforce Instream Flow Rules for WRIA 17 | On November 30, 2009, a new water management rule was signed and adopted by the Department of Ecology. The rule, Chapter 173-517 WAC (Water Resource Management for the Quilcene-Snow Basin, WRIA 17), took effect December 31, 2009. |
| A: Protect | Instream Flows (WRIA 18 East) - Establish, Implement, and Enforce Instream Flow Rules for WRIA 18 East | Ecology plans to formally file draft rule in early 2010 |
| A: Protect | Instream Flows (WRIA 18 West) - Establish, Implement, and Enforce Instream Flow Rules for WRIA 18 West | Second phase of rule-making in WRIA 18 for the Elwha Morse planning area (WRIA 18 West) is contingent upon removal of Elwha Dams |
| A: Protect | Instream Flows (WRIA 19) - Establish, Implement, and Enforce Instream Flow Rules for WRIA 19 | Final draft watershed plan, which includes instream flows, currently being reviewed by initiating governments |
| A: Protect | Protect Priority Habitats (Clallam County along Strait) - Acquire Priority Habitats Identified in the Salmon Recovery Plans | Updated 2010 NOPL 3-Year Work Plan; North Olympic Land Trust Olympic Agenda for Clallam County on hold due to financial constraints; 2009 SRFB/PSAR funded NOPL Lower Dungeness Floodplain Acquisition, Phase II (~\$575K), Pysht River Floodplain Acquisition, Phase I (~\$189K), and Western Strait Habitat Conservation Planning (~\$139K) |
| A: Protect | Protect Priority Habitats (Eastern Jefferson County) - Acquire Priority Habitats Identified in the Salmon Recovery Plans | Updating 2010 HCCC Lead Entity 3-Year Work Plan (Jefferson portions); Completed and approved JLT Conservation Planning for Jefferson County report; 2009 SRFB funded HCCC Salmon Creek Riparian Acquisition Project (~\$402K) |
| A: Protect | SMP Implementation (City of Port Townsend) - Implement Shoreline Master Program for the City of Port Townsend, including the restoration component (Strategy added in early 2009) | Implementation - Ongoing |

Strait of Juan de Fuca Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|--|
| A: Protect | SMP Update and Implementation (City of Port Angeles) - Update and Implement Shoreline Master Program for the City of Port Angeles, including restoration component | Contract agreement signed with DOE; Outline for SMP committees developed; SMP and HMP Steering Committee formed; Update provided at 2/26/2010 Clallam Work Group Meeting |
| A: Protect | SMP Update and Implementation (City of Sequim) - Update and Implement Shoreline Master Program for the City of Sequim, including restoration component | Using funding provided by DOE, began SMP Update Process in Fall 2009; Provided update at 2/26/2010 Clallam Work Group Meeting |
| A: Protect | SMP Update and Implementation (Clallam County) - Update and Implement Shoreline Master Program for Clallam County, including restoration component | Using funding provided by DOE, began SMP Update Process in Fall 2009; BOCC approved Public Participation Plan; Provided update at 2/26/2010 Clallam Work Group Meeting |
| A: Protect | SMP Update and Implementation (Jefferson County) - Update and Implement Shoreline Master Program for Jefferson County, including the restoration component | County Commissioners adopted updated SMP and forwarded to DOE for review; Brief overview provided at 2/26/2010 Strait ERN meeting |
| A: Protect | SMP Update Intergovernmental Coordination and Implementation , - Promote intergovernmental coordination to update and implement SMPs, including <i>Develop No Net Loss (NNL) Monitoring Tools for Local Jurisdictions SMP Implementation - Template reference</i> (Strategy added in early 2009 but driven by a High Priority Action identified in Strait in 2008 by Strait Work Group that was ultimately added to regional priority A.2 #6) | Clallam County, in partnership with Jefferson County was awarded funding for the <i>Enhanced Shoreline Protection</i> proposal from EPA's 2009 Watershed Management Assistance grant program; Q&A on proposal provided at 2/26/2010 Strait ERN meeting |
| A: Protect | Working Lands Protection (Clallam County along Strait) - Protect (Long Term) and Support Stewardship of Working Farms, Forests, and Shellfish Farms | North Olympic Land Trust Olympic Agenda for Clallam County on hold due to financial constraints; SMP Update processes for Clallam County, Port Angeles, and Sequim started in Fall 2009 |
| A: Protect | Working Lands Protection (Eastern Jefferson County) - Protect (Long-Term) and Support Stewardship of Working Farms, Forests, and Shellfish Farms | Implementing Port Townsend SMP Update; County approved Jefferson County SMP Update and submitted to DOE for review - brief overview provided at 2/26/2010 Strait ERN meeting; Completed and approved JLT Conservation Planning for Jefferson County report |
| A: Protect (by inference) | Green Jobs - Promote Ecosystem-Based "Green Jobs" and Businesses (Action added in early 2009) | 2009 Recovery Act Funding: Olympic National Park - Removal of dams start 2011 and 10 Elwha River Ecosystem Recovery Projects (most of ~\$57M); NOAA Elwha River Floodplain Restoration Project (\$2M); SRFB/PSAR funded 8 projects (~\$3.3M) |
| A: Protect & B: Restore | Detailed Implementation Plan (WRIA 18 East) - Develop and Implement Watershed Planning (2514) - Detailed Implementation Plan (DIP) for WRIA18 East & Dungeness River Management Plans - Implement Dungeness River Management Plans | Initiation of the Phase 4 Detailed Implementation Plan delayed due to instream flow work; WRIA 18 East ready to develop DIP |

Strait of Juan de Fuca Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|---|
| A: Protect & B: Restore | Migration Corridor Integrity - Protect the Strait as a migratory corridor for fish, marine birds, orcas, and other species (Strategy added in response to a Threat without a specific Action listed in Profile) | WDNR Aquatic Lands HCP presentation at 2/26/2010 Strait ERN meeting; SMP Updates: Port Townsend implementing SMP Update, Jefferson County update under review by DOE, Port Angeles, Sequim, and Clallam County started update process in 2009 |
| A: Protect & C: Reduce Pollutant Sources | Built Green™ Development - Promote BuiltGreen™ Development in Clallam and Jefferson (Strategy added in early 2009) | NPBA Built Green Committee beginning work on revising BuiltGreen checklists |
| B: Restore | Elwha River Ecosystem Recovery - Implement <i>Elwha River Ecosystem Recovery Efforts and Associated Projects</i> | Highlights: 2009 Recovery Act Funding: Olympic National Park - Removal of dams to start in 2011 and 10 Elwha River Ecosystem Recovery Projects were funded (most of ~\$57M to ONP); NOAA Recovery Act provided funding for Elwha River Floodplain Restoration Project (\$2M); See Elwha River Ecosystem Recovery Project List for other recent progress |
| B: Restore | Salmon Recovery Plans (N. Olympic Peninsula) - Implement N. Olympic Peninsula Lead Entity (NOPLE) for Salmon 3-year Work Plan | 2009 Recovery Act funding from NOAA funded Elwha River Floodplain Restoration Bundled Projects (\$2M); 2009 SRFB/PSAR funded 8 projects (~\$3.3M); Drafted WRIA 19 Salmon Recovery Plan; Capacity funds provided to N. Olympic Peninsula Lead Entity for Salmon (Core, PSAR, and NEP); Drafted 2010 3-Year Work Plan for later submission to Partnership and RITT review |
| B: Restore | Salmon Recovery Plans (Summer Chum) - Implement HCCC Lead Entity Salmon Recovery 3-year Work Plan for Eastern Strait of Juan de Fuca / Hood Canal Summer Chum in partnership with N. Olympic Peninsula Lead Entity for Salmon (suggest a Non-Capital Project Focus for Strait ERN) | Using funding provided by DOE, Clallam and Sequim began SMP Update Process in Fall 2009; Port Townsend implementing SMP Update; Jefferson SMP Update under review by DOE; 2009 SRFB/PSAR funded HCCC Jimmycomelately Riparian Protection Project (~\$660K) and Salmon Creek Riparian Acquisition Project (~\$402K) |
| B: Restore (and A: Protect) | Conservation District Plans (Clallam Conservation District) - Implement Clallam Conservation District Long-Range and Annual Plans | Completed Dungeness Irrigation Ditch Piping Projects that pipelined 5,942 feet of ditch and saving 1.8 cfs of water put into Water Trust; CREP enrollments by landowners up significantly to improve riparian habitat along streams; Trained ~600 citizens on Natural Landscaping Techniques; Improved fish passage through a number of projects; Completed "Three Crabs Area Assessment" of flooding, water quality, and salmonid habitat limiting factor problems |
| B: Restore (and A: Protect) | Forest Practices Habitat Conservation Plans - Implement Forest Practices Habitat Conservation Plans (HCP) | See WDNR website for information: http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesHCP/Pages/fp_hcp.aspx |
| B: Restore (and A: Protect) | Marine Resource Plans (Clallam MRC) - Implement Marine Resources Committee's Action Plan for Clallam County and Northwest Strait Commission Regional Projects | Strategic and Action Plans are drafted; Completed eelgrass mapping project, an assessment of shoreline features, and a groundwater monitoring project of a shallow aquifer potentially impacted by commercial development |
| B: Restore (and A: Protect) | Aquatic Resources Habitat Conservation Plans - Develop and implement Aquatic Resources Habitat Conservation Plans (HCP) | WDNR updating Aquatic Resources HCP for entire state, including Puget Sound and Strait; WDNR Aquatic Lands HCP presentation at 2/26/2010 Strait ERN meeting |

Strait of Juan de Fuca Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|---|
| B: Restore (and A: Protect) | Conservation District Plans (Jefferson Conservation District) - Implement Jefferson Conservation District Long-Range and Annual Plans | Water quality monitoring on streams and ditches in Discovery Bay watershed; Assisted Jefferson Land Trust and North Olympic Salmon Coalition with Snow/Salmon estuary project planning; 2 acres riparian planting; 42.5 acres riparian planting maintenance; Project to provide fish passage through road culvert for summer chum; 2,500 feet of new stream channel construction; Solar powered livestock water system installation and maintenance |
| B: Restore (and A: Protect) | Marine Resource Plans (Jefferson Marine Resource Committee) - Implement Marine Resources Committee's Action Plan for Jefferson County and Northwest Strait Commission Regional Projects | Continuing the Volunteer Eelgrass No Anchor Zone Project in Port Townsend; Developing plans to restore shorelines at Oak Bay County Park; Commented on drafts of Jefferson County SMP Updates |
| B: Restore and C: Reduce Pollutant Sources | Port Angeles Harbor Recovery - Clean Up and Restore Port Angeles Harbor and Waterfront | Highlights: Portion of \$230,000 from DOE via Interagency Agreement with City used to fund Harbor Management Plan update - Steering Committee began work in January 2010; Completed Port Angeles Harbor Sediment and Rayonier Off-Site Dioxin Studies; Rayonier Mill Site Clean Up Agreed Order signed by Rayonier and DOE; City seeking use of tank at Rayonier Mill Site to manage CSO events; Implementation of Phase II permit underway; 2009 EPA Tribal Assistance Grant Proposal funded for Phase III of inner Ediz Hook Restoration Project; See Port Angeles Harbor Recovery project list for other recent progress |
| C: Reduce Pollutant Sources | Carlsborg Wastewater Treatment and Water Reuse - Implement Carlsborg Urban Growth Area Wastewater Treatment and Water Reuse Strategy (<i>Carlsborg Urban Growth Area Wastewater Treatment and Water Reuse</i>) | Facilities Plan (including a funding strategy) is drafted |
| C: Reduce Pollutant Sources | Clean Water District (Eastern Jefferson County) - Implement Jefferson County Clean Water District including the on-site sewage management program (<i>Jefferson County Clean Water District</i>) | BOCC passed \$5 / parcel fee outside of PT and PL to fund match requirements; Jefferson County, in partnership with Clallam County, submitted a proposal titled <i>CWD Activities in Jefferson and Clallam Counties</i> (which included a variety of tasks) that was funded by 2009 EPA for Watershed Management Assistance Grant; Q&A on proposal provided at 2/26/2010 Strait ERN meeting |
| C: Reduce Pollutant Sources | Clean Water District (Sequim-Dungeness Bay) - Implement Sequim-Dungeness Bay Clean Water District project and programs, including TMDL implementation strategy and on-site sewage management program (<i>Sequim-Dungeness Bay Clean Water District</i>) | Clallam County Centennial Grant Proposal submitted for: 1. Septics of Concern work in Marine Recovery Area focusing on parcels without records, water quality monitoring for problem septic systems, and ambient monitoring, 2. Enforcement tools for septic code, and 3. Three Crabs feasibility study on wastewater solutions was funded by DOE; Jefferson County, in partnership with Clallam County submitted a proposal titled <i>CWD Activities in Jefferson and Clallam Counties</i> (which included expansion of Shorebank Program to Clallam as one task) was funded by 2009 EPA for Watershed Management Assistance Grant program; Q&A on proposal provided at 2/26/2010 Strait ERN meeting |
| C: Reduce Pollutant Sources | Marine Plastics - Promote programs and projects that reduce the impact from marine plastics (Strategy added in response to a Threat without a specific Action listed in Profile) | PTMSC Plastics Pollution in the Marine Environment program includes: 1. Biannual beach sediment sampling with WSU Beachwatchers in all 12 Puget Sound counties, 2. Annual gull bolus sampling on Protection Island, 3. Education via classroom visits, teacher trainings and public presentations, and 4. Citizens Science Summit on May 14 & 15, 2010; See http://www.ptmsc.org/science/plastics.html for details; Developing a Surface Water Sampling component for program |

Strait of Juan de Fuca Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|--|
| C: Reduce Pollutant Sources | Oil Spill Prevention, Preparedness, and Response - Promote improvements in oil spill prevention preparedness, and response capabilities including: <i>Enhance Capacity to Address and Mitigate Threats and Impacts from Marine Vessel Traffic</i> , a Permanent Tug at Neah Bay, and Oil Spill Response Capacity for Makah Tribe | Commissioners, on behalf of Strait ERN, submitted comment letter on Federal Non-Tank Vessel Oil Spill Contingency Plan (NTVRP) Rule making; Developed list of Oil Spill actions important to Strait Action Area; Makah Tribe 2009 EPA Tribal Assistance Proposal for Office of Marine Affairs Program was <u>not</u> funded; See Partnership's new Oil Spill Issues webpage: http://www.psp.wa.gov/oilspills.php |
| C: Reduce Pollutant Sources | Port Angeles Landfill - Investigate and Remediate, where necessary, the Impact of Contaminants Leaching from the Port Angeles Landfill | PA proposal titled " <i>Managing Port Angeles Watershed for a Healthier Puget Sound</i> " (which included sampling and analysis task for old landfill) <u>not</u> funded by EPA for 2009 Watershed Management Assistance Grant; WDNR working with local and agency partners to identify next set of sequenced actions for this issue |
| C: Reduce Pollutant Sources | Stormwater Management Plan Update and Implementation (Clallam County) - Update and Implement Stormwater Management Plan and Codes for Clallam County, including incorporating and implementing LID incentives and regulatory recommendations into the local ordinances and regulations | County considering adoption of LID recommendations into ordinance and regulations; County implementing EPA Stormwater Grant: Stormwater Work Group formed to draft Stormwater Management Plan based on Work Group recommendations; County submitted proposal to EPA for County Courthouse LID Stormwater Retrofit and Outreach Demonstration Project |
| C: Reduce Pollutant Sources | Stormwater Management Plan Update and Implementation (City of Port Townsend) - Develop, incorporate and implement LID incentives and regulatory recommendations for the City of Port Townsend into their local ordinances and regulations (Strategy added in early 2009) | City working to adopt LID recommendations into ordinance and regulations |
| C: Reduce Pollutant Sources | Stormwater Management Plan Update and Implementation (City of Sequim) - Update and Implement Stormwater Management Plan and Codes for the City of Sequim, including incorporating and implementing LID incentives and regulatory recommendations into the local ordinances and regulations | City working to adopt LID recommendations into ordinance and regulations |
| C: Reduce Pollutant Sources | Stormwater Management Plan Update and Implementation (Jefferson County) - Develop, incorporate and implement LID incentives and regulatory recommendations for Jefferson County into their local ordinances and regulations (Strategy added in early 2009) | Partnership's contractor submitted LID recommendations to county; Jefferson County's <i>Watershed Stewardship Resource Center</i> proposal to EPA for 2009 Watershed Management Assistance was funded - proposal includes development of a LID Small Projects Guidance Manual using Clallam County manual as a prototype - Q&A on proposal provided at 2/26/2010 Strait ERN meeting |

Strait of Juan de Fuca Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|--|
| C: Reduce Pollutant Sources | Warmhouse Beach Dump Closure and Remediation - Close and Remediate Warmhouse Beach Open Dump and Develop a Solid Waste Transfer and Reuse Facility (<i>Warmhouse Beach Dump Closure</i>) | Progress on three fronts: 1. Transfer Station is fully funded at \$4 M through multiple sources, including the USDA-RDA and design is 70% complete; 2. EPA has assigned an on-site coordinator for dump closure and remediation. Assessment has begun on options, focused on closure-in-place and long-term monitoring; 3. Outreach on recycling and source reduction funded by grant from EPA |
| D: Work Together | Coordinate Planning and Implementation - Start with Shorelines, Land Use, and Water Supply | Recruited representatives from local and tribal governments, organizations, processes, and business groups to participate on Strait ERN; Held 3 well-attended meetings since inception of Strait ERN in September 2009; Strait ERN made final changes to Local Integrating Organization (LIO) proposal at 2/26/2010 meeting; Working to identify and prioritize top priority actions and identify funding opportunities for most strategies within Action Agenda for Strait AA |
| D: Work Together | Coordinate Protection and Restoration Actions Coordinate recovery actions identified in Major Plan - Start with Salmon Recovery, Water Supply (quantity and quality), and county Marine Resource Plans | Recruited representatives from local and tribal governments, organizations, processes, and business groups to participate on Strait ERN; Held 3 well-attended meetings since inception of Strait ERN in September 2009; Strait ERN made final changes to Local Integrating Organization (LIO) proposal at 2/26/2010 meeting; Working to identify and prioritize top priority actions and identify funding opportunities for most strategies within Action Agenda for Strait AA |
| E: Implement the Action Agenda | Education and Public Involvement - <i>Build Local Capacity within Existing Organizations to Provide Education and Involvement Opportunities to the General Public throughout the Action Area</i> | Kicked off "Puget Sound Starts Here" campaign; Partnership \$5K for Strait ECO Net startup and bus and theater ads; Partnership provided \$10,000 for <i>Voices of the Strait – Remembering the Marine and Freshwater Environments of the North Olympic Peninsula oral history video project</i> ; Moved Strait ERN education actions to Strait ECO Net at their March meeting |
| E: Implement the Action Agenda | Technical Assistance - Provide Technical Assistance focused on Protection and Prevention with Residents and Tourists - <i>Build Local Capacity within Existing Organizations to Deliver Technical Assistance to Homeowners, Landowners, and Businesses and Professional Training to Students, Private Contractors, Non-Governmental Organizations, and Tribal, State, and Local Government Staff</i> | Jefferson County <i>Watershed Stewardship Resource Center</i> proposal funded by 2009 EPA Watershed Management Assistance grant program - expansion possible to other Strait jurisdictions in subsequent phases with additional funding; Q&A session on proposal provided at 2/26/2010 Strait ERN meeting |

Whidbey Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|--|
| A: Protect | Protect high value habitat - Northern Smith Island kelp | Aquatic reserve identified by DNR. Island County MRC working on planning process to identify management targets. Kelp is recognized as key in this plan. |
| A: Protect | Protect high value habitat - Padilla, Skagit and Fidalgo bays eelgrass beds | DNR leading effort for Cypruss Island Natural Reserve - planning underway; Trust for Public Land led effort to purchase Kiket Island for Parks |
| A: Protect | Protect high value habitat - Intact mainstem rivers | On-going work under Salmon Recovery. On-going work associated with regulatory updates, including SMPs and CAOs. EPA award to Snohomish County for hydrologic study (Watershed Characterization) in the Snohomish Watershed. Snoqualmie: In 2009 King County passed an Open Space Charter Amendment that boosts the level of protection for over 100,000 acres of forests and natural areas in our watershed by significantly raising the bar for future County Councils to remove existing protections. Many of these acres are on mainstems, but also in tributaries and headwaters that protect the hydrology of the mainstems. |
| A: Protect | Protect high value habitat - Unique spawning areas and bird habitat | Savage Slough Restoration and Protection. Skagit Lead Entity leading effort for Middle Skagit program. On-going work to protect flyway bird habitat. |
| A: Protect | Protect high value habitat - Evaluate need to protect ecosystem processes and quality of life needs when considering tidal energy projects | Snohomish County PUD leading stakeholder consultations to evaluate tidal energy pilot site. Also, science workshop held 3/2010 identifying key stressors and actions necessary for further investigation around tidal energy. Marine special planning bill passed - important for tidal energy evaluation - Legislative session 2010 |
| A: Protect | Update and implement regulatory programs - Complete and implement Shoreline Master Program updates on schedule | Regional PSP focus on SMP updates through boards. Snohomish County adoption process underway, 2010; local cities in Snohomish County currently beginning the process; King County adoption process underway; king county cities: snoqualmie (finish this year), north bend, duvall, carnation-started this year due for 2011; Island County beginning planning process; Langley and Oak Harbor are beginning; Anacortes update almost complete; Mount Vernon update underway; Skagit County update taking shape |

Whidbey Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|---|
| A: Protect | <p>Protect and support long term working farms, forests, and shellfish farms - Support TDR/PDR programs</p> | <p>Snohomish County has a contract with Cascade Land Conservancy to lay out a TDR/PDR program for the County.</p> <p>King County: In May 2009 King County partnered with WA State Dept Nat Resources to protect from development 7,000 acres of forestlands in the Raging River Valley. This acquisition fills a major gap in the Mountains to Sound Greenway and protects a salmon-bearing river and maintains the land as a working forest. DNR will own the property with a conservation easement held by King County on 4,372 of the acres. The County will transfer the development rights it purchased through the conservation easement from the Raging River property into the City of Bellevue via a Bellevue-King County TDR agreement adopted and put into effect in September of 2009. Read more <http://www.mtsgreenway.org/newsandpublications/raging-river> .</p> <p>King County kicked off an initiative in 2009 to utilize its TDR program to protect active farms in the Snoqualmie Valley that supply local produce to city farmers markets and food retailers. The TDR initiative links cities to their local food source by transferring the development rights from these active farmlands into cities with weekly farmers markets. Cities will partner with King County to allow density increases in certain "receiving areas" in exchange for the transferred farmland development rights. Bellevue is thus far the first city to partner with the County</p> <p>Skagit County and Conservation District doing on-going work to protect and support working lands.</p> |
| A: Protect | <p>Protect and support long term working farms, forests, and shellfish farms - Provide technical assistance to landowners</p> | <p>Island County: The Conservation District provides free non-regulatory technical assistance to everyone in the County. A new assessment passed by the Board of Island County Commissioners for conservation districts will provide stable and consistent funds to the conservation district and all them to be able to help people all over the island as they have a need.</p> <p>Snoqualmie: King Conservation District: Snoqualmie Watershed Forum and King Conservation District staff as part of the 2009 Opportunity Fund grant program provided technical assistance to 14 landowners. This technical assistance with help from non-profit partner organizations led to 10 grant funded projects totaling \$200,000 (see attached list of grants). The Opportunity Fund grants are a portion of the overall \$745K allocated.</p> <p>King County provided funding for Washington State University Extension Forest Stewardship Classes to educate small scale forest landowners on how to manage, protect and restore privately owned forest lands in the Snoqualmie Watershed. Funding for this project was cut by King County at the end of 2009 so the Snoqualmie Watershed Forum contracted with WSU Extension in 2009 to provide classes in 2010.</p> <p>Skagit County: re-affirmed clean water program, with funding going to Conservation District to provide technical assistance to farmers and other land owners.</p> |

Whidbey Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|--|
| A: Protect | Invasive species - Continue local efforts to identify and eradicate invasive species impairing habitat | Snoqualmie: EPA W'shed Grant funded for knotweed removal; In 2009, King County's Noxious Weed Unit controlled invasive knotweed along 3 miles of the South Fork Snoqualmie River with funding from a Snoqualmie Watershed Forum/Kin Stillaguamish/Island: Spartina removal almost complete. Skagit removal via Upper Skagit Tribe and RFEG on-going. |
| B: Restore | Implement priority restoration projects - Implement Salmon Recovery three-year work plan (WRIAs 3, 4, 5, 6, 7) | See list of restoration projects by watershed: SRFB projects identified, funded and implemented. <i>09 allocation of funds:</i> Whidbey Basin Total: \$2,598,502 Skagit: \$1,239,822 ; Stillaguamish: \$552,129 ; Island- \$240,784 ; Snohomish: \$565,767 <i>2010 allocation of funds:</i> Whidbey Basin Total: \$2,598,502 , Skagit: \$1,239,822 ; Stillaguamish: \$552,129 ; Island- \$240,784 ; Snohomish: \$565,767 <i>PSAR 2009-2011</i> 09-11 PSAR funds acquired and allocated to Whidbey Basin: \$9,736,805; Skagit: \$4,645,479; Stilly: \$2,068,912; Island: \$ 902,402; Snohomish: \$2,120,011 In 2009, Snoqualmie Watershed Forum and King Conservation District awarded grants to 20 projects totaling \$745,000. All of the grants align with the Snohomish 3 Year Work Plan. |
| B: Restore | Implement priority restoration projects - Restoration components of the shoreline management plans | On-going work to connect SMP restoration plan with the salmon plan across Whidbey Basin. |
| B: Restore | Complete large scale estuary restoration projects in the Skagit, Snohomish, and Stillaguamish rivers and meet restoration targets set in the salmon recovery plans | Snohomish - Quoloolt Estuary restoration project: NOAA stimulus funds-2008, fully funded for implementation, Smith Island: EIS to be completed in Summer 2010; DD6 undergoing feasibility with US ACE using sect. 544 funds (Puget Sound and Adjacent Waters) Stillaguamish - Leque Island project fully funded and ready for construction summer 2010 if permits are obtained; Skagit - Fisher Slough: NOAA stimulus funds. Construction begin in 2010. Wiley Slough: fully funded and constructed. |
| B: Restore | Implement large-scale floodplain projects to remove bank armoring, re-connect side channels and provide mainstem rivers with ability to migrate and create diverse instream habitat | Skagit - Hansen Creek: NOAA stimulus. Established phases are fully funded and constructed. Additional plantings, etc. being established. Middle Skagit Project: programmatic approach to identifying key mainstem projects - process funded, working to identify projects; Snohomish - Chinook Bend project in Snoqualmie Basin, completed. Lower Tolt Levee setback project completed; Braided Reach construction phase I (completed under budget!); Stillwater design phase which is well under way, scheduled for construction in 2011. |

Whidbey Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|--|
| B: Restore | Prioritize and strategically remove derelict gear removal | Northwest Straits Initiative: Fully funded through NOAA economic stimulus funds 2009. Work underway to be completed by 2011. |
| C: Reduce Pollutant Sources | Prevent pollution - Implement Watershed Management Plans addressing temperature, dissolved oxygen, mercury, and bacteria impairments | Skagit Basin TMDL - developed and implemented; Samish TMDL - developed and being implemented ; Snohomish - Snoqualmie Watershed Water Quality Synthesis report (2009): synthesized information about water quality in the watershed and helps identify priorities for on the ground actions. All riparian planting projects completed in 2009 fall into this category (the Habitat Work Schedule lists those completed in 2009). ECY Temperature TMDL in mainstem Snoqualmie River; Snohomish County monitoring temperature each year - ongoing |
| C: Reduce Pollutant Sources | Prevent pollution - Provide support for technical assistance and cost-share programs for small farms and commercial agriculture to improve and integrate agricultural nutrient management; | Island county water reclamation: working with agriculture on the island to use water retention to recharge the aquifer to support higher value crops and more reliable year round water sources. Skagit Conservation District and Ecology working to provide technical assistance to farmers in the Samish Snoqualmie: King Conservation District farm planning |
| C: Reduce Pollutant Sources | Prevent pollution - integrate small farms into current programs; | Skagit Conservation District farm program. |
| C: Reduce Pollutant Sources | Prevent pollution - Keep livestock out of streams | Clean Samish Initiative working to educate landowners and keep livestock out of stream in the Samish. |
| C: Reduce Pollutant Sources | Prevent pollution - Implement shellfish protection plans | Stillaguamish clean water district adopted shellfish protection plan-2009. 1,200 acres in Port Susan Bay declassified. Skagit: Clean Samish Initiative - Shellfish protection effort and clean water initiative: Received EPA funding; Skagit County passed Clean Water program for additional funding; clear momentum and focus on cleaning up the Samish. |
| C: Reduce Pollutant Sources | Manage stormwater runoff - Implement NPDES permits | Puget Sound Starts Here campaign being implemented across Whidbey Basin |
| C: Reduce Pollutant Sources | Manage stormwater runoff - Use and increase site-appropriate LID techniques to manage for future planned growth (Local Low Impact Development Regulations - Island County) | PSP provided free technical assistance to Island County in 2009; County has made significant progress since then (~50% complete) |

Whidbey Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|--|
| C: Reduce Pollutant Sources | Manage stormwater runoff - Use and increase site-appropriate LID techniques to manage for future planned growth (Local Low Impact Development Regulations - City of Oak Harbor) | As a result of the LID Local Regulation Assistance Project, the City of Oak Harbor (2008 recipient) is in the process of code adoption with public comments; Oak Harbor is working to tie this work to their subdivision code updates |
| C: Reduce Pollutant Sources | Manage stormwater runoff - Use and increase site-appropriate LID techniques to manage for future planned growth (Local Low Impact Development Regulations - Skagit County) | Starting process for Bayview Ridge Urban Growth Area using LID and received grant funding for smart growth/LID work associated with Skagit Alternative Futures |
| C: Reduce Pollutant Sources | Manage stormwater runoff - Use and increase site-appropriate LID techniques to manage for future planned growth (Local Low Impact Development Regulations - City of Coupeville) | As a result of the LID Local Regulation Assistance Project, the Town of Coupeville (2008 recipient) adopted portions of the recommendations and implemented changes to stormwater standards and code, requiring use of LID in new construction; City is moving forward with implementation |
| C: Reduce Pollutant Sources | Manage stormwater runoff - Use and increase site-appropriate LID techniques to manage for future planned growth (Local Low Impact Development Regulations - City of Edmonds) | As a result of the LID Local Regulation Assistance Project, the City of Edmonds (2006 recipient) drafted Edmonds Community Development Code Chapter 18.30 with Stormwater Supplement that includes LID standards; public review in spring of 2010. |
| C: Reduce Pollutant Sources | Manage stormwater runoff - Use and increase site-appropriate LID techniques to manage for future planned growth (Training) | LID training opportunities held in Anacortes & Burlington |
| C: Reduce Pollutant Sources | Manage on-site sewage systems - Support local efforts to identify and control sources of pollution | Island County: On site management plan adopted in 2007. County now working to inspect all on site septic systems. The increase in inspection requirements are resulting in a reduction of pollution of surface water. Skagit County: County septic control program. Clean Samish Initiative septic system Snohomish County - implementing septics program with focus on Stillaguamish Watershed. |
| D: Work Together | Coordinated long term strategy - Support integration of species recovery, water quality, aquatic reserve and natural resource management plans, shoreline master programs, and Marine Resource Committee strategies; start with salmon recovery, MRC, and water management plans | Process to develop local integrating organizations begun. Whidbey Basin still discussing geographic scale most appropriate for coordination. |

Whidbey Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|--|--|
| D: Work Together | Coordinated long term strategy - Continue to work cooperatively with farming community to develop a coordinated restoration strategy that balances the needs of agriculture and fish; | Snohomish County: rural lands initiative discussions begun, launching broader efforts May 1st, 2010. Farm Fish policy work group; King County - looking at ways to balance agriculture and restoration needs through implementing ag recommendations for DDES for restoration activities on ag lands. |
| D: Work Together | Coordinated long term strategy - Support engagement of salmon recovery watershed groups with the Snohomish and Skagit County Agricultural Advisory Boards and other farming groups; | Snohomish County: Executive's group to address restoration projects and agricultural interests. Island county: water reclamation- working with agriculture on the island to use water retention to recharge the aquifer to support higher value crops and more reliable year round water sources. Skagit County: beginning discussions on County's Farm Legacy Program and salmon recovery program |
| D: Work Together | Coordinated long term strategy - Support collaborative efforts to negotiate the Skagit Delta Tidegates and Fish Initiative | Initiative signed and discussions beginning regarding implementation |
| D: Work Together | Coordinated long term strategy - Sustain recent collaborative efforts to identify protection and restoration opportunities in the Skagit watershed | Skagit Watershed Council; Commissioner Dahlstedt now participating in Puget Sound Salmon Recovery Council; Middle Skagit Restoration and Protection project |
| D: Work Together | Coordinated long term strategy - Maintain ongoing efforts in the Snohomish and Stillaguamish basins | Watershed Capacity grants awarded: NEP 50,000; PSAR 6%. Grants provide ability for watershed groups to direct resources at the most important capacity needs and address expanded core functions. |
| D: Work Together | Coordinated long term strategy - Implement Skagit Alternative Futures Project results; | Skagit Alternative Futures project received additional EPA grant funding; underway with alternatives. Working to integrate with the SMP updates. |
| E: Implement the Action Agenda | Outreach and Education - Implement STORM group recommendations | ECO Networks formed in Whidbey Island, Snohomish/Camano, and Skagit. Grants provided to help implement Puget Sound Starts Here campaign. Campaign role out beginning spring 2010. |

Whidbey Action Area: Action Agenda Implementation since December 2008

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| Puget Sound Action Agenda Strategic Priority | High Priority Strategy | Recent Progress (since approval of the Action Agenda on December 1, 2008) |
|--|---|---|
| E: Implement the Action Agenda | Funding - Finding more funding | <p>Island County: Development of a fee structure to fund important county programs for Puget Sound recovery and protecting human health: County commissioners are taking an active role in considering how to identify a stable stream of funding for existing services and to expand those services. Establishing this stable funding base would lessen the burden on other important public services provided by the county such as law enforcement, nursing, etc. The programs that the County is looking to permanently fund include water quality monitoring program, expanding public works projects, reinstating a hydrogeology program at the County, providing increased LID coordination and better education and outreach. Funding these through a different mechanism takes the burden of the general fund so those resources can be prioritized to other important public services. Though at the beginning stages of conversations, the Island County Commissioners interest in exploring with the Island County public different transparent options for funding key environmental programs during hard times represents another example of finding a way forward during these challenging economic times.</p> <p>Skagit County Commissioners approved tax increase under clean water program to fund Samish and Skagit pollution prevention/restoration programs.</p> |
| E: Implement the Action Agenda | Science - Collaborative science based planning efforts | Port Susan Marine Stewardship Area Science Symposium |
| E: Implement the Action Agenda | Science - Citizen Science | <p>Citizen Science-Island County Beachwatchers program is leading the way (WSU Extension lead) and the MRC is also helping with studies that include:</p> <ul style="list-style-type: none"> o Eelgrass in Holmes harbor and Cornet bay as well as across WRIA 6 o Cornet bay Forage Fish monitoring work. o Sediment transit tracking in Cornet Bay o Salmon monitoring: starting in this month people will be out in the cold in their waiters monitoring for salmon in the nearshore. <p>Snohomish County Beachwaters Program: training underway.</p> |

San Juan and Whatcom Action Area (Whatcom County)

Note: This report is not intended to be comprehensive, rather it is representative of accomplishments within this Action Area.

| | | |
|-----------------------------|--|--|
| A: Protect | Protect High Value Habitat | DNR has been advancing Cherry Point Aquatic Reserve (Draft Plan); |
| A: Protect | Update and Implement Regulatory Programs | Whatcom County completed SMP and CAO update; City of Bellingham completed SMP update |
| A: Protect | Update and Implement Regulatory Programs | Consortium of Whatcom County, ECY, PSP, others advancing on Birch Bay Watershed Characterization Pilot Work; |
| A: Protect | Protect and Conserve Water Flows | In-stream flow negotiated settlement process underway for Nooksack Forks |
| A: Protect | Protect and Support Long-term stewardship of working farms, forests, shellfish farms | Whatcom Conservation District and Whatcom County doing on-going work to protect working lands. |
| A: Protect | Invasive Species (Tunicate Eradication) - Near-Term Action: A.5(4) Enhance and target existing capacity to rapidly respond to immediate invasive species risks. | PSP has a \$330,000 contract with WDFW to control and eradicate an invasion of marine animals called tunicates. WDFW's work will stop the invasion from spreading. Under this contract WDFW will also collect information to improve the state's ability to manage tunicates of concern in Puget Sound. WDFW: 1) Conducts underwater surveys for the presence or absence of these invaders, 2) Will identify all pathways by which these animals arrive in Puget Sound and how they are spread within the Sound, 3) Conducted an assessments of the invasive risks and economic impacts of nonnative tunicates in Puget Sound and 4) Will evaluate genetic links between various populations of invasive tunicates to understand how these animals arrived and how they spread. Eradication work is ongoing at Blaine and Semiahmoo marinas in Whatcom County. |
| B: Restore | Implement Priority Ecosystem Restoration Projects from Existing Plans | WRIA 1 Salmon Recovery Group has received and implemented, as well as working to implement the following funds for restoration of salmon habitat: 2008 SRFB = \$1 M; 2007-2009 PSAR = \$3 M; 2009 SRFB = \$711,475; 2009 – 2011 PSAR = \$2,842,641; 2010 SRFB = 711,475 |
| B: Restore | Implement Priority Ecosystem Restoration Projects from Existing Plans | Lummi Nation received NOAA funding for Smuggler's Slough nearshore restoration ; 2010 Supplemental Budget funded: 1) \$381,000 for the Nooksack Forks large woody debris placement for habitat enhancement: and 2) \$185,000 for the South Fork Nooksack River restoration ; WRIA 1 Salmon Recovery Group established South Fork fish supplementation program |
| B: Restore | Quantify Impacts from Derelict Fishing Gear and Remove | Northwest Straits Initiative conducted Derelict Gear removal |
| B: Restore | Enhance habitat on forested and resource lands | Conservation District has on-going programs to enhance riparian and other areas within working lands. Other efforts, including "Farmers Growing Trees for Salmon" support riparian habitat. |
| C: Reduce Pollutant Sources | Prevent Pollution | On-going work to reduce pollutants within Portage Bay and Drayton Harbor. Lake Whatcom Management Team on-going effort to reduce pollutants in Lake Whatcom. |
| C: Reduce Pollutant Sources | Prevent Pollution | Conservation District received EPA grant to reduce pollution associated with agricultural runoff |
| C: Reduce Pollutant Sources | Prioritize Inwater and Toxic Cleanup Sites | Bellingham Bay Pilot Program: 1 out of 13 of the clean-up projects is complete – expected to have completed most other projects by 2012 |
| D: Work Together | Integrate and Coordinate | Joint Board effort underway to coordinate watershed planning with salmon recovery |
| D: Work Together | Integrate and Coordinate | Whatcom County and ECY established coordinated update for SMP/CAO |
| D: Work Together | Integrate and Coordinate | Salmon Recovery Summit |
| D: Work Together | Funding | Capacity funds for salmon recovery: NEP grant funds for \$50,000; PSAR funds over 07-09 and 09-11 |
| D: Work Together | Coordinated Long-Term Strategy | South Fork Chinook Supplementation Plan underway; |