

Early Actions Related to New Development

<i>Category</i>	<i>Program/Action Name</i>	<i>Description</i>	<i>Short-Term Action Needed</i>	<i>Funding Status</i>
Education/Public Outreach/Staff Training	Staff Training	Provide additional training to all appropriate review staff to ensure that they know the specific code provisions, allowances and prohibitions to improve final project compliance with the regulations.	Develop training program.	N
Education/Public Outreach/Staff Training	Education for Property Owners	Develop educational program to develop and distribute information to all property owners that abut water features to notify them of their role in salmon protection and the upcoming changes which may directly affect them and voluntary actions they could do that would help salmon.	Staff development of educational program.	F
Funding	Agricultural Ditch Restoration	Develop funding sources for agricultural ditch revegetation and in-stream structure. Without subsidies, farmers cannot afford the cost to revegetate existing agricultural ditches. In certain watersheds, these ditches represent a large percentage of available habitat for salmonids. In their current conditions they provide little habitat value and high predation rates.	Develop funding sources and programs.	N
Monitoring	Mitigation Project Tracking Guidelines	Develop a clear process to track mitigation projects, their success and ensure that contingency actions are taken if mitigation fails or is not completed.	Develop tracking process.	F
Monitoring	Site Visitation for All Projects	Require that site visits by a Sensitive Areas Tech for ALL projects are part of the permit process. That way, most potential sensitive area conflicts will be found and unintended impacts will be further avoided.	Assign staff to site visits.	N
Monitoring	SAO Compliance and Mitigation Inspection Program	Establish a sensitive areas compliance and mitigation success inspection program. The need for consistent and technically specialized inspections at the pre-construction, clearing, post-construction and mitigation performance deadline stages are needed to improve compliance and results.	Develop an Inspection Program for Sensitive Areas Compliance	N
Monitoring	Performance Standards for Evaluating Mitigation Project Success	Develop reference standards and performance standards for designing and evaluating the success of stream and buffer mitigation projects.	Develop Performance Standards	N

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Early Action Matrix

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CLEARING AND GRADING				
Details on the Clearing and Grading Ordinances and their relation to Salmon and Habitat recovery in are included in the appendix following this chapter.				
Code/Policy Changes	Site Alterations Ordinance Revisions.	Complete and adopt new Site Alterations Ordinance including clearing and grading changes.	Develop recommendations for changing the Site Alterations Ordinance.	N
Enforcement	Enhanced Enforcement of and Compliance to the Clearing and Grading Codes	Staff primary responsibility will be to respond to complaints of clearing and grading violations in sensitive areas (particularly near salmonid-bearing streams and wetlands).	Add 3 Site Development Specialists to an existing staff of 11 (in process). Training of staff in database management. Development of procedures for complaint management and reporting.	F
Enforcement	Enhanced Inspection of Erosion and Sedimentation Controls During Development	Increase number and database training of staff. The increased field presence will reduce the chance of sediment from development reaching salmonid-bearing streams and wetlands.	Add 3 Engineers to an existing staff of 1 to increase inspections of erosion and sedimentation controls during development (in process). Training of staff in database management. Development of procedures for complaint management. Development of reporting procedures.	F
SURFACE WATER DESIGN MANUAL				
Education	Moss Control and Fungicide Use	Reduce the use of fungicides in lawn care through a Public Education Campaign. Identify alternatives for roof moss control that are less toxic.	Education about application of lawn care and moss control products. Development and use of disease-resistant grasses.	N
Research	Water Quality Study-- Temperature and Dissolved Oxygen	The UW Center for Urban Water Resources is currently conducting a region-wide study which should yield important information and potential recommendations to be considered regarding the water quality components of dissolved oxygen and temperature.	Underway.	F
Enforcement	Enforcement of SWDM	Improved enforcement of these regulations highly recommended. Recommendations for improving enforcement are contained in the section of this table titled "All New Development."		F

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SHORELINE MASTER PROGRAM				
Details on the goals of the Shoreline Master Program and their relation to Salmon and Habitat recovery in King County are included in the appendix following this chapter.				
Code/Policy Changes	Dock, Bulkhead, and Bank Stabilization Permitting	When permitting rebuilding of docks, bulkheads and bank stabilization, require that they are brought up to current guidelines for allowable structures. This includes limitations on pilings and piling materials, 50% transparency in decking and "soft" biostabilization methods. Develop the guidelines to ensure that they are consistently applied.	Develop guidelines to ensure consistency in permitting.	N
Code/Policy Changes	Update the SMP	Develop a schedule to update the County's SMP. Tasks to include are to close existing loopholes and inconsistencies with more recent codes, ensure that development regulations fully implement plan while addressing all known needs of listed species, provide clear authority to require mitigation of all impacts and update the plan with recent changes proposed to the state guidelines and any salmon legislation passed this year.	Staff development of schedule to update the County's SMP.	N
Code/Policy Changes	Coordination of SMP and SAO	Improve coordination of SMP and SAO. Ensure that the review process is coordinated and each review group is notified of permit applications for the other. Require sensitive area staff review of any exemption in areas with ESA-listed species. Automatically route all exemption applications to sensitive areas to identify the need for any other permits. Add conditions on exemptions that the exemption is not valid without all other necessary permits obtained and on-site prior to work. This will help reduce reliance on HPA conditions to protect resources since the SAO is usually more restrictive than the Hydraulic Code.	Revise Exemption Conditions to require Sensitive Areas Staff Review for certain permit applications in order to coordinate SMP and SAO.	N
TRANSFER OF DEVELOPMENT RIGHTS				
Code/Policy Changes	Establish Transfer of Development Credits Program	Habitat May be Preserved	Accomplished.	F
Code/Policy Changes	TDR Marketing Outreach	Outreach to facilitate transfer of density credits from rural areas to urban areas. Work involves meeting with City staff from Seattle and the 39 suburban cities, general public, land owners, neighborhood associations, community councils, civic organizations, and developers to inform and educate on the public benefits and values achieved by this innovative tool in the toolbox of land preservation.	Program ongoing; anticipate purchase of density credits from estimated 300-400 acres by year end 2000.	F
Funding	Establish Pilot TDR Program with Bank and Amenities	\$1.5 million Bank established in 1999 Budget to purchase density credits from rural areas with a goal to move them to already developed urban areas. \$500,000 set aside for amenities package for capital improvements to be constructed in urban neighborhoods that agree to accept additional housing density from the rural areas. Amenities include sidewalks, acquisition of pocket parks, transit improvements, pedestrian and bicycle improvements, public art, etc. Density transfers to receiving sites will be subject to all local land use regulations, SEPA, SAO requirements, etc. Habitat may be preserved.	Adoption of TDR Bank Implementing Ordinance submitted to Council March, 1999. Funds to be expended in 1999.	F

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Early Actions Related to County Services

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ROAD SERVICES				
Detailed Best Management Practices Manual attached in an appendix following this chapter.				
Maintenance	Best Management Practices (BMP's)	To reduce the adverse impacts of road maintenance operations on fish habitat, BMPs provide for enhanced erosion/sediment control during daily operations as well as habitat improvements on a site-specific basis. Staff is evaluating revisions to current draft to address impact on salmon.	King County Council approval and adoption of fully funded BMP program.	F
Maintenance	Regional Vector Waste Disposal Program	Develop and implement plan to provide a network of vector waste receiving stations in order to promote the appropriate disposal of this waste. Vector waste is a combination of liquid and sediment removed from drainage facilities and is treated prior to disposal.	In progress.	F
Maintenance	Mitigation Projects Identification Project	Identify potential improvements to salmon habitat such as fish passage impediment removal and habitat reclamation. Some approved projects would be performed as a part of general maintenance activities, others would be included as CIP or mitigation projects.	In progress.	F
Maintenance	Drainage Project Prioritization Program	Conduct prioritization to determine the order in which the backlog of drainage projects will be constructed. Fish Passage Improvement and Fish Habitat Improvement have recently been added to the criteria for prioritization. Water Quality Improvement and Wetland Enhancement are also criteria used for selection.	In progress.	F
Maintenance	NPDES Geographic Information System (GIS) Mapping Program	Map out drainage system countywide to enable tracking and identification of point and non-point pollution sources. Mapping is crucial to determining "migratory extents" of salmon. Federally mandated (NPDES).	In progress.	F
Maintenance	Coordinated Reduction of Waste (CROW)	Require waste materials to be separated and stockpiled at temporary storage facilities. Drainage from the facilities is collected and treated to minimize impacts to groundwater. As waste materials accumulate, they are hauled to appropriate recycling or disposal sites.	In progress.	F
Maintenance	Underground Storage Tank Removal Program	Bring KCDOT Road Maintenance underground fuel tanks into compliance with Department of Ecology requirements. Upgraded stations lower risk of groundwater contamination by fuel and also reduce exposure of stormwater to fuel dispensing areas.	10 sites will be in compliance December 1998 with additional upgrades occurring in 1999.	F
Maintenance	Timber Management Plan	Develop a timber management plan for Road Maintenance sites.	In progress.	F
Maintenance	Grading Permit Application Development for Programmatic Road Maintenance Activities	Evaluate enabling Road Maintenance activities to occur on a area-wide, specific activity permit in accordance with adopted Sensitive Areas Ordinance (SAO) which is regulated by King County Department of Development and Environmental Services.	Presently in feasibility and planning stages.	F
Maintenance	Pitsite Compliance Program	Develop applications for grading, clearing, stockpiling, mining and filling permits. Typical requirements for these permits are Erosion and Sediment Control (ESC) plans, improvement and installation of drainage facilities, and replanting (habitat restoration).	In progress.	F