

January 29, 1990

INTRODUCED BY GREG NICKELS

PPR:PCDD

PROPOSED NO. 90 - 217

MOTION NO. 7845

1
2 A MOTION authorizing the King County Executive
3 to enter into agreements with the Washington State
4 Department of Ecology regarding the joint funding of
5 activities and facilities which improve water quality
6 in King County pursuant to Chapter 70.146 RCW.

7 WHEREAS, the Washington State legislature has created the
8 Centennial Clean Water Fund for the joint funding of water
9 quality improvement activities and facilities with other public
10 agencies in the state pursuant to Chapter 70.146 RCW, and

11 WHEREAS, the Washington State legislature has adopted the
12 1987 and 1989 Puget Sound Water Quality Management Plans that
13 require local governments to conduct certain planning and
14 implementation activities related to preserving or improving
15 water quality in Puget Sound and in waters tributary to Puget
16 Sound, and

17 WHEREAS, the Washington Department of Ecology has invited
18 eligible project sponsors to submit proposals for Centennial
19 Clean Water Fund grants for the FY 1991 funding cycle, and

20 WHEREAS, approximately eighty five million dollars in total
21 funds will be available for a variety of water pollution control
22 facilities and activities during this funding cycle, and

23 WHEREAS, the state grant share varies among program
24 categories but will be generally 50 to 75 percent of the total
25 eligible cost of a project, and

26 WHEREAS, eligible projects include: water pollution control
27 facilities and activities that are on freshwater lakes and rivers
28 including lake restoration projects; water pollution control
29 facilities and activities that address nonpoint source pollution,
30 including watershed planning and implementation; and
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1 discretionary projects that may not qualify in other funding
2 categories and that address water quality, and

3 WHEREAS, applications will be accepted by the Washington
4 Department of Ecology until February 23, 1990, and

5
6 WHEREAS, formal offers of financial assistance will be made
7 for the highest priority ranked proposals in July, 1990, and

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9 WHEREAS, no single government entity may receive more
10 financial assistance in a funding category than the ceiling
11 specified for that category in Chapter 70.146 RCW, and

12 WHEREAS, for purposes of Centennial Grant proposals, the
13 Department of Ecology has recognized the Seattle/King County
14 Health Department as a separate government entity and not subject
15 to the King County ceiling;

16 NOW, THEREFORE, BE IT MOVED by the Council of King County:

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18 A) The county executive is hereby authorized to develop
19 and submit to the Washington Department of Ecology
20 proposals for water quality activities and facilities
21 as described in Attachment A.

22 B) The county executive is hereby authorized to determine
23 in each funding category the priority of all proposals
24 for which a preliminary offer of financial assistance
25 is made so that the ceiling amount for that category is
26 not exceeded.

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28 C) The county executive is hereby authorized to negotiate
29 agreements with the Washington Department of Ecology to
30 accept grant funding for activities and facilities
31 receiving final offers of financial assistance in FY
32 1991 from the Washington Department of Ecology.

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7845

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D) The county executive will seek from the King County council authorization to execute those agreements to accept grant funding which are negotiated.

PASSED this 26th day of February, 1990

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON

Lois North
Chairman

ATTEST:

Gerald A. Peterson
Deputy Clerk of the Council

ATTACHMENT A

FY 1991 CENTENNIAL CLEAN WATER FUND PROPOSALS

Title: Beaver Lake Phase I Restoration Study

Funding Category: Lakes

Purpose: This project will focus on developing a nonpoint pollution control management and implementation plan based on collection and analysis of water quality, sediment, and biological samples. Although the lake is currently assessed by Metro as having average water quality (mesotrophic), planned, rapid and intensive urbanization of the lake's watershed may seriously degrade lake quality unless preventative measures are identified and implemented. Coordinated with ongoing East Lake Sammamish basin and nonpoint pollution action plans and the community plan update. This is a joint study between King County and the Beaver Lake Association with the SWM Division as lead agency.

Project Budget: \$190,000 (75% grant)

Title: Lake 12 Phase 1 Restoration Study (near Black Diamond)

Funding Category: Lakes

Purpose: The restoration study will focus on measured high nutrient concentrations and massive sludge algae blooms in bottom waters of the lake and increasing nuisance aquatic weed growth. Studies of annual nutrient and water quality loadings into the lake will be analyzed to identify the most cost effective solutions to correct existing nutrient imbalances and prevent further degradation of the lake. Pacific Coast Coal Company has committed to sharing with King County the local match obligations. This is a joint study between the University of Washington Environmental Engineering Department, the Lake 12 Association, and King County SWM with the SWM Division as lead agency.

Project Budget: \$170,000 (75% grant)

Title: Water Quality Response Team

Funding Categories: Nonpoint, Discretionary

Purpose: Controlling nonpoint pollution in urban areas relies partly on education of homeowners and small businesses regarding the environmental costs of dumping wastes into storm drains and approved hazardous waste disposal alternatives. The project will fund the acquisition and outfitting of a response vehicle and training of existing staff to respond to complaint calls of water pollution, fish kills or observed storm drain dumping. Although not equipped to handle hazardous or toxic materials, the crew will be able to clean up small spills such as motor oil in catch basins, take water quality samples, and conduct educational activities in the incident neighborhood. King County SWM Division is lead agency.

Project Budget: \$85,000 (75% grant)

Title: Snoqualmie Stormwater Quality Study**Funding Categories: Rivers, Nonpoint**

Purpose: The recently adopted Snoqualmie Community Plan emphasizes maintaining the high water quality and beneficial uses of the Snoqualmie River. Annexations and major new growth in the watershed are to be held to this standard. This study produces mainstem and tributary water quality data during storms and fish habitat data throughout the watershed both to provide baseline data where no data currently exist and to develop analytic tools to test possible future land use effects on valley surface water quality. This study of storm events complements a study of water quality during summer low flows which is nearing completion by the Washington Department of Ecology. Letters of support from Valley cities are included in the proposal. King County SWM Division is lead agency, and the Parks, Planning and Resource Department is a supporting agency.

Project Budget: \$368,000 (75% grant)**Title: Soos and Bear Creek Stream Stewards****Funding Category: Nonpoint**

Purpose: The Soos and Bear Creek basins contain some of the most abundant and diverse salmonid habitat in western King County. Recent basin and nonpoint action plans recommend extensive watershed management measures to protect water quality and fisheries resources in the 130 square miles contained in these regionally significant basins. WAC 400-12-570 gives to King County responsibility for reviewing all development action in watersheds having approved nonpoint action plans. Stream Stewards are proposed for each of the basins to implement recommended management measures including public education, improved County environmental code compliance, and stream improvement project negotiation and installation.

Project Cost: \$140,000 (75% grant)**Title: Reduced Chemical Vegetation Control Near Drainages****Funding Categories: Nonpoint, Discretionary**

Purpose: Increasing concerns over pesticide chemicals entering surface and ground waters has resulted in a search for better techniques for maintaining vegetation near ditches and streams. This project will develop goals and a methodology for: increasing biofiltration of surface waters within County right-of-way maintenance areas; reducing and tracking amounts of chemicals introduced; implementing integrated methods of vegetation control (more emphasis on biologic and mechanical means); and creating a partnership in public awareness and education of the program. Consistent with Recommendations 65 and 69 in the Green-Duwamish Nonpoint Action Plan, the Green River watershed will be used as a pilot area for tracking effectiveness in reaching project goals. Department of Public Works, Roads Division will be lead agency.

Project Cost: \$100,000 (75% grant)

Title: Regional Capital Project Design

Funding Category: Nonpoint

Purpose: Many capital projects have been identified through basin plans, reconnaissance studies, and special drainage studies to control the quantity of storm flows and reduce resulting damages to property and instream resources. This project will develop the detailed design drawings and specifications for one or more of these identified facility projects and also incorporate water quality design features into the facility. The resulting design will meet Department of Ecology standards, thus qualifying the project to compete in subsequent years for additional grant funds for facility construction.

Project Cost: \$150,000 (75% grant)

Title: Regional Habitat and Basin Monitoring

Funding Category: Nonpoint

Purpose: An intensive inventory of stream habitat and fish usage will be conducted in a number of paired lowland streams throughout King and Snohomish counties. The pairings will match similar streams with differing land cover in their tributary areas. The collected data will be analyzed to: determine the key relationships that lead to habitat and water quality degradation as watersheds are developed; identify critical indicators that may predict when habitat degradation may be initiated; and provide a baseline data set for streams with completed nonpoint action and basin plans in order to track plan implementation and effectiveness and the need for plan revision. King County SWM Division is lead agency.

Project cost: \$200,000 (75% grant)

Title: Long-term Monitoring Study of Bog Ecosystems in Urban Environments

Funding Category: Nonpoint, Discretionary

Purpose: This project will focus on the effects of urban stormwater discharge on the most sensitive of the Puget Lowland wetland habitats - the bog, and as a corollary, the effect of these wetlands on the quality of urban stormwater. The knowledge gained about these effects will also be used to develop sound policies and guidelines for effective utilization of these wetlands for urban stormwater management and nonpoint source water pollution control. This study involves collection of data on bog hydrology, water quality, soils, and non-soil substrates, plants, and animals (small mammals, birds, insects and amphibians) in order to examine the impacts of urban stormwater on the full range of wetland functions. Although other types of wetland habitats are currently being studied by the Puget Sound Wetlands and Stormwater Management Program, the bog habitat, the most sensitive to change, is not included in that work. The project will continue for five years. This project is a joint undertaking between the University of Washington and King County, in cooperation with other local jurisdictions and state agencies. King County Resource Planning is the lead agency.

Project Cost: \$140,000 (75% grant)