

MOTION NO. 5422

A MOTION authorizing the County Executive to accept funds in the approximate amount of fifteen thousand dollars to support the Juanita Creek Salmon Enhancement Program, Grant File No. 137.

WHEREAS, King County has sponsored the four year salmon enhancement program for Juanita Creek during the previous three years in an effort to re-establish a salmon run and to highlight the impacts of urbanization on small streams; and

WHEREAS, students and faculty of Juanita High School have actively participated in the program by installing and maintaining egg incubation facilities; and

WHEREAS, Juanita High School received the state ecological award in 1980 for their initiative and meritorious service; and

WHEREAS, additional water quality funds in the approximate amount of fifteen thousand dollars are being made available to King County through Section 208 of PL 92-500, the Federal Water Pollution Control Act; and

WHEREAS, the Council recognizes an obligation to provide the amount of five thousand as an in-kind contribution in support of the program.

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

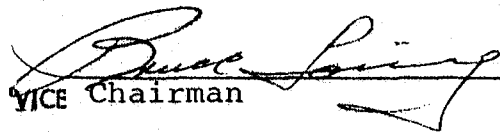
The King County Executive is hereby authorized on behalf of King County to accept grant funds in the approximate amount of

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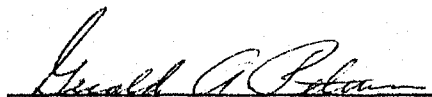
1 fifteen thousand dollars for the Salmon Enhancement Program and
2 to enter into and execute any agreements or contracts required by
3 the grantor.

4 PASSED this 16th day of February, 1982.

5 KING COUNTY COUNCIL
6 KING COUNTY, WASHINGTON

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8 
VICE Chairman

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10 ATTEST:

11
12  ACTING
13 Deputy Clerk of the Council

KING COUNTY WORK PROGRAM

November 1981 - October 1982

SALMON ENHANCEMENT PROJECT

5422

The goal of the King County portion of the Salmon Enhancement Project is to highlight for the citizens of King County in general and the Juanita Creek Basin in particular the problems of urban runoff, water quality and the direct impacts on salmon. Many people still are unable to see the correlation between urbanization of natural watersheds and the degradation of the streams and the life systems which depend on the streams. The salmon is an ideal barometer of chemical water quality, siltation and scouring due to high flows. When these conditions begin to appear, the salmon disappear.

Constraints to urban runoff control include legal systems mechanisms that do not comprehensively address the problem, understaffed and underfunded inspection, review and enforcement programs and a lack of local funding to implement capital projects for water quality/quantity control. This program will seek to help resolve these constraints.

Objectives of the program include:

- Raise citizen awareness about local stream degradation due to urbanization and channel their concerns about perceived problems into constructive dialogue with political leaders.
- Re-establish a self-sustaining, annual run of sockeye salmon in Juanita Creek.
- Initiate physical stream improvements and community education projects in Juanita Creek included in the restoration plan.
- Support institutional changes within King County government which are instrumental in maintaining high water quality and improved stream habitat.

Task 1. Coordination of Basin Projects

Efforts under this task will be directed toward documenting the progress and success of the project and supporting other ongoing projects within the County which are instrumental in achieving the objectives of the Salmon Enhancement Project. Ongoing coordination of the project will also be critical. The large number of groups involved in this project include: King County elected officials, staff members of several divisions within the County Departments of Public Works and Planning and Community Development, staff and elected officials of the cities of Kirkland and Bothell, staff and officials of Metro, teachers and students of elementary and high schools in the Juanita Creek Basin and staff members of the State Departments of Ecology and Fisheries.

Anticipated project outputs:

1. Quarterly progress reports which will document accomplishments and effectiveness of programs - December 1981; March, June 1982.
2. A final project summary which will include the final progress report and an overview of the total year's effort - October 1982.
3. Continue to provide staff support as needed for County implementation of a surface water utility and the Juanita Creek Basin Plan. These vital elements will achieve the stormwater control necessary to successfully rehabilitate Juanita Creek. November 1981 - October 1982. (Dependent on Council approval of utility and basin plan during the preceding grant period.)
4. Continue support to the Surface Water Management Division in such efforts as earmarking Operations and Maintenance funds for priority catchbasin cleaning, creating a new budget line for small streams maintenance, and improvements to implementation of required Temporary Erosion and Sedimentation Control Plans (TESCP). November 1981 - October 1982.
5. Review and monitor development activities in the Juanita Basin that have the potential to adversely impact water quality and stream habitat, especially in the Totem Lake tributary. November 1981 - October 1982.

Task 2. Fish Culture Activities

The spotlight of the program is aimed at re-establishing a sockeye run in the Juanita Creek system. To achieve this end several activities must take place as they have in the past years. Interested citizens and students will assist Fisheries in taking and artificially spawning adult fish at the Cedar River. Repairs and improvements will have to be made to the egg incubation box to prepare it for the 1981-1982 season. Also the eggs will be planted in the box and the fry released - each event being covered by the media. The box will also require daily maintenance during the incubation period.

Anticipated project outputs:

1. Trapping and artificial fertilization of sockeye at the Cedar River facility under the supervision of the State Department of Fisheries. Students and interested residents of the basin as well as King County staff will participate. November 1981
2. Repair and installation of the egg incubation box for the 1981-82 incubation season. Daily monitoring of egg box security and water quality will be performed by the Juanita High School marine biology class. November 1981 - April 1982

3. Placement of the fertilized salmon eggs in the incubation box. This will be a media event aimed at raising the awareness of residents from both the Juanita area as well as the larger Metropolitan area. January 1982
4. Release of the hatched salmon fry into the creek. A portion of the fish will be released during a second media event. April 1982

Task 3. Community Involvement and Awareness

Staff will continue to build upon the contacts made during the past planning and SEP projects in the basin. Citizens will be informed of the vital link between controlled urban runoff and maintaining the salmon runs in the Seattle area. Citizens will have opportunities to become involved in stream clean-up projects, information campaigns and dialogues with political leaders.

Cooperation between staff and other SEP projects will continue including providing assistance to and cooperation with the State Office of Environmental Education and other groups which may be also working toward the goals of the Salmon Enhancement Project.

Anticipated project outputs:

1. Continue to support a citizens committee to focus local interest and political attention on the problems in the stream and to spearhead the volunteer restoration project. November 1981 - October 1982
2. Coordinate all citizen involvement in the basin related to the salmon project. November 1981 - October 1982
3. Accomplish the following volunteer-based stream restoration activities in priority reaches of Juanita Creek. The number of projects and the choice of projects attempted will be determined as the logistics and volunteer support for each project is investigated. December 1981 - September 1982

(Listed in order of priority)

- * Plan and implement a program to preserve the water quality and stream habitat in the Totem Lake tributary
- * Improve fish passage at private driveway at approximately N.E. 135th Place
- * Complete bank protection and debris cleanup in Windsor Vista
- * Reduce rill erosion and manure leachate into the main stem at N.E. 144th Street
- * Removal of silt from Edith Moreton Park

1/11/82

SALMON ENHANCEMENT '82 BUDGET

	Total 100%	Fed 75%	County 25%
	\$12,490	\$10,520	\$ 1,970
	1,830	1,830	-
	700	700	-
	150	150	-
	150	150	-
	1,000	1,000	-
	500	500	-
	150	150	-
Total: Direct.	16,970	15,000	1,970
Indirect @20.2% of \$15,000	3,030	-	3,030
Totals: Program	\$20,000	\$15,000	\$ 5,000