

MOTION NO. 6876

A MOTION authorizing an interlocal agreement between King County, the Municipality of Metropolitan Seattle, the City of Bellevue, and the City of Redmond for a joint project to preserve and enhance water quality in Lake Sammamish.

WHEREAS, King County, the Municipality of Metropolitan Seattle, the City of Bellevue, and the City of Redmond propose to jointly sponsor a study to determine ways to preserve the present water quality of Lake Sammamish through the evaluation of the effects of phosphorus input into the lake, describing potential controls and developing recommendations for future agreements to implement controls, and

WHEREAS, this work can best be accomplished by joint cooperation between the parties;

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

The county executive is hereby authorized to enter into an interlocal agreement with the Municipality of Metropolitan Seattle and the Cities of Bellevue and Redmond to determine ways to preserve and enhance the water quality of Lake Sammamish through cooperative participation in the Lake Sammamish water quality management project.

PASSED this 8th day of June, 1987.

KING COUNTY COUNCIL
KING COUNTY, WASHINGTON

Gary Grant
Chairman

ATTEST:

Dorothy M. Owens
Clerk of the Council

ATTACHMENT 1

LAKE SAMMAMISH WATER QUALITY MANAGEMENT PROJECT

SCOPE OF WORK - STAGE B

Task 1B - Project Management

The grantee will ensure that the Lake Sammamish Water Quality Management project will be conducted according to the details of the grant agreement documents and the conditions of the grant agreement's supporting documents. The grantee will ensure that every effort will be made to maintain effective communication with the grantee's designees, the Washington Department of Ecology (WDOE) and any interested or affected local, state or federal jurisdictions or individuals. To expedite these objectives, written quarterly progress reports will be submitted to the WDOE on a timely basis. Summaries of study results and monthly cash-flow projections shall be included with each quarterly report.

The grantee shall also develop an interlocal agreement for co-sponsorship of the project to include appropriate jurisdictions such as Metro, King County, Bellevue, Redmond and Issaquah. Said interlocal agreement shall be signed by appropriate jurisdictions and shall specify financial commitments by co-sponsors before the start of Stage B.

Task 2B - Assessment of Existing Stormwater Inputs

Based on existing data, the grantee will identify major existing stormwater inputs to the lake and estimate their contributions of phosphorus, both total and bioavailable, to the lake. The grantee will propose specific methods to reduce the loading and will estimate the reductions achievable from the proposed methods.

Task 3B - Assessment of Specific Sources

The grantee will identify within the watershed specific sources of phosphorus including fish hatcheries, landfills, individual logging operations, agricultural operations and other industries. Using available information and, if necessary, limited sampling, the grantee will estimate the total and bioavailable phosphorus loading to the lake from each of these individual sources. The analysis will indicate if these operations are in compliance with regulations and whether regulations are adequate to protect the lake. Technically feasible means of reducing the phosphorus input from these sources will be suggested, and the expected reductions will be forecast.

Task 4B - Design Criteria for Detention and Polishing Facilities

The grantee will develop design criteria for facilities which would be expected to specifically remove phosphorus, i.e., polish the runoff, and which could be included in new development. The design criteria will be based in part on the estimates from Stage A of the relative importance of bioavailable phosphorus in the dynamics of the lake. The design criteria will include aspects such as dimensions, velocities through, outlet structures, vegetation and maintenance. The expected reduction of phosphorus loading from each of the structures or facilities will be forecast.

Task 5B - Feasibility Study of Tasks 2B, 3B and 4B

The grantee will produce a summary of options developed in Tasks 2B, 3B and 4B. The summary will include achievable reductions and estimated costs for such items as capital projects, maintenance of structures or facilities, changes in institutional procedures (e.g. increased plan review and site inspection), and increased effort by private builders, developers and industries. The grantee will present a range of potential lake conditions that could be expected to result from the least cost actions.

Task 6B - Final Reports

The grantee shall produce two final reports. The technical final report will include the findings (data), assessment methodology, conclusions and recommendations for protection of the lake water quality based on Tasks 2B, 3B, 4B and 5B. Three copies of the final technical report will be provided by the grantee to the WDOE for review and approval.

A Stage B Final Report will be produced by the grantee following the completion of Tasks 7B, 8B and 9B. The products of Task 8B shall be integrated with the technical final report and included as an appendix of the Stage B Final Report. The grantee shall submit three copies of the Stage B Final Report to the WDOE for approval 30 days before termination of the grant agreement.

Task 7B - State Environmental Policy Act (SEPA) Environmental Impact Statement (EIS)

If the grantee or the applicable planning jurisdiction responsible for the determination of need for a SEPA EIS so desires, an EIS which is in compliance with the SEPA (RCW 23.21C) shall be produced under the terms of the grant agreement. The EIS will specifically evaluate the implementation of the program proposed through the analysis funded by this agreement.

Task 8B - Implementation Agreements

The grantee will develop schedules and agreements with the appropriate parties for implementing the feasible alternative controls, determined in Task 5B, for managing the water quality of the lake.

Task 9B - Public Involvement

The grantee shall involve the local public, keep them informed and obtain their input concerning the study. A minimum of three public information meetings will be held. Presentations concerning results and status of the project will be given to appropriate local officials and their staff. A minimum of two newsletters, summarizing progress and findings, will be produced for the lay public. Media reports shall be presented at appropriate times, and assistance given to community action groups in disseminating information.

ATTACHMENT 2

Detailed Itemization of Costs for
 Lake Sammamish Water Quality Management Project,
 Stage B of Phase I

Task	Cost			
	Total	From Refer- endum 39 (75%)	Local Share (25%)	Each Party's Share (6.25%)
1B - Project Management	\$10,000	\$ 7,500	\$ 2,500	\$ 625
2B - Stormwater Assessment	15,150	11,363	3,788	974
3B - Identifying Unique Sources	8,500	6,375	2,125	531
4B - Design Criteria for Detention and Polishing Facilities	11,200	8,400	2,800	700
5B - Feasibility Study of of Tasks 2,3,4	17,150	12,863	4,288	1,072
6B - Final Reports	5,000	3,750	1,250	313
7B - SEPA - Environmental Impact Statement	20,000	15,000	5,000	1,250
8B - Implementation Agreements	5,000	3,750	1,250	313
9B - Public Involvement	5,000	3,750	1,250	313
Stage B Total	\$ 97,000	\$ 72,750	\$ 24,250	\$ 6,063

EXHIBIT A

SCOPE OF WORK

INTRODUCTION

Metro, as the area-wide water quality agency, is the management leader for an interagency effort to maintain and protect the water quality of Lake Sammamish. Funding to facilitate the lake management project has been obtained through a Referendum 39 Lake Restoration Grant from Washington State Department of Ecology. Phase I of this project is nearing completion and this scope of work is for preparation of the final report for this phase. As such, the needs include summarization and synthesis of the work conducted to date. In addition, specific information such as alternative management strategies, costs, and implementation plans are needed to carry this phase into Phase II.

In order to meet project budget needs, the following product preparation guidelines will be followed:

- All technical memos (TM) identified in the following tasks will be prepared using PC-based word processing software. All TM's will be produced on dot-matrix printers. All graphics in TM's will be legible draft figures except for any CADD mapping.
- Word processing will be used for the final report. Graphics staff will be used for final report figures.

A summary of the products, keyed to subtasks is as follows:

- Technical Memo 1.2 - Phosphorus Loading
 - Initially Prepared - Subtask 1.2
 - Updated - Subtasks 2.1, 2.2, 2.3, 2.4, 2.5
- Technical Memo 1.3 - Phosphorus Controls
 - Initially Prepared - Subtasks 1.3, 2.1
 - Updated - Subtasks 2.1, 2.2, 2.3, 2.4, 2.5
- Technical Memo 3.1 - Design Criteria
 - Initially Prepared - Subtask 3.1
 - Updated - Subtasks 3.2, 3.3
- Technical Memos 4.1 - Feasibility Analysis
 - Initially Prepared - Subtask 4.1
 - Updated - Subtasks 4.2, 4.3, 4.4
- Draft Report
- Final Report
- Watershed Map
 - Initially Prepared - Subtask 1.1
 - Updated - Subtasks 2.1, 2.2, 2.3

TASK 1 - MAPPING AND PHOSPHORUS LOAD ESTIMATES

OBJECTIVES:

- Determine existing and future phosphorus loads to Lake Sammamish from a subbasin and watershed perspective.
- Define structural and non-structural methods for reducing phosphorus loadings.

Subtask 1.1 - Mapping

The consultant will prepare a watershed map divided into subbasins. The map will include: soil types, topography, streams, major storm drains, land use (current and future), and jurisdictional boundaries.

Based on this initial mapping, appropriate subbasins will be identified for additional mapping of existing retention/detention (R/D) facilities as permitted by readily available, existing information. The intent is to identify examples of existing drainage facilities for which the potential for retrofitting can be assessed.

Product: One original copy of CADD-based watershed map with legend.

Subtask 1.2 - Existing and Future Stormwater Inputs

The consultant will estimate existing and future subbasin and watershed phosphorus loading using the Subtask 1.1 map and the phosphorus yield approach used by Welch, et al., 1985.

A coordination meeting will be held between Drs. Welch and Horner, Metro and the consultant at this time to assess the implications of on-going TP/BAP work. A decision will be made through mutual agreement with Metro and the consultant on how to incorporate the BAP issues into phosphorus loading estimates based on current work progress.

A project memo will be issued summarizing the Welch meeting to define an approach of how to incorporate the BAP issues.

Products: A technical memo (not to exceed 20 pages) and a table of TP/BAP stormwater-origin phosphorus loads per subbasin.

One original copy of a CADD-based watershed map with histograms of subbasin phosphorus contributions for use in subsequent jurisdiction workshops.

Subtask 1.3 - Phosphorus Loading Reduction Methods

The consultant will identify, based on available information, urban stormwater phosphorus removal effectiveness and installation/operational constraints for the following urban stormwater structural techniques:

- Soil Infiltration Facilities
- Wetland Treatment Facilities
- Wet Detention Ponds
- Flow Control as it Relates to In-Stream Erosion Control
- Grass-Lined Drainage Swales
- Underground Detention Vaults
- Swirl Concentrators
- Chemical Treatment

Based on the watershed map information and installation/operational constraints, the consultant shall identify candidate urban/urbanizing subbasin areas for the above structural techniques. "Detail" is not the primary focus. The candidate areas should differ based on the mapping/categorization of the watershed. The objective is to be able to provide information to the jurisdictions that states, "If you have this type of facility, then you could consider this example".

The consultant will also identify, based on available information, stormwater phosphorus reduction loads and implementation constraints for the following non-structural techniques:

- Enhanced operation and maintenance of existing R/D facilities.
- Contractor, public works department, and community education.
- Erosion control and riparian corridor protection techniques for construction and post-construction.
- Enhanced regulatory practices.

No costing of facilities will occur in Subtask 1.3.

Product: A technical memo (not to exceed 20 pages) with supporting tables. No figures will be included with this product.

TASK 2 - ASSESSMENT OF AGRICULTURAL, LOGGING, ON-SITE WASTEWATER AND OTHER SPECIFIC SOURCES

OBJECTIVES:

- Define the location, type, and phosphorus loading significance of specific logging, residential and agricultural lands in the watershed.
- Define the location, type, and phosphorus loading significance of landfills, hatcheries, and industrial dischargers in the watershed.
- Estimate the significance of stream bank erosion contribution to phosphorus loads if sufficient existing data are available.
- Update the watershed map and previous phosphorus loading estimates with this information; identify appropriate management actions and phosphorus load techniques/reductions.

At contract preparation time, it is not possible to determine the availability of depth of information accessible for the inventory. Therefore, a budget allocation of 125 hours has been defined for Task 2. The consultant's effort will be commensurate with these budgeted hours. Similarly, a limit of \$500.00 is budgeted for water quality analysis.

Subtask 2.1 - Logging Operations

The consultant will identify areas of past, active, and planned logging and forest fertilization based on discussions with DNR, DNR stream typing maps, aerial photographs, and select site visits. Limited sampling of adjacent streams for phosphorus concentrations will occur if deemed appropriate by the field personnel.

Based on forestry inventory/sampling, literature, and past project experience, the consultant will estimate the significance of phosphorus loading and whether or not the sources are controllable through management action. If controllable sources are identified, management techniques will be summarized and estimates of phosphorus load reductions will be provided.

Products: Updated Subtask 1.2 technical memo regarding phosphorus loading estimates from forestry.

Updated watershed map for forestry contributions.

An update of Technical Memo 1.3 (not to exceed 10 pages) which summarizes management techniques and expected phosphorus load reductions.

Subtask 2.2 - Agricultural Operations

The consultant will inventory existing commercial and non-commercial farming based on aerial photographs, contact with the KCCD and SCS, review of Metro stream inventory data, and field survey. Limited sampling of adjacent streams for phosphorus concentrations will occur if deemed appropriate by the field personnel.

Based on agricultural inventory/sampling, literature, and past project experience, the consultant will estimate the significance of phosphorus loading and whether or not the sources are controllable through management action. If controllable sources are identified, management techniques will be summarized and estimates of phosphorus load reductions will be provided.

Products: Updated Subtask 1.2 technical memo regarding phosphorus loading estimates from agriculture.

Updated watershed map for agricultural contributions.

An update of Technical Memo 1.3 (not to exceed 20 pages) which summarizes management techniques and expected phosphorus load reductions.

Subtask 2.3 - On-Site Wastewater

The consultant will identify areas of existing and future residential development outside sewer service boundaries. Total numbers of housing units will be estimated. On-site failure rates will be estimated from literature and interviews with King County and other local health officials. Failure rates and P concentration/flow rates (from other studies) will be used to estimate existing and future P loading rates. P control methods and load reductions will be identified and estimated.

Products: Updated Subtask 1.2 technical memo regarding P load estimates from on-site systems.

Updated watershed map to show on-site contributions.

An update of Technical Memo 1.3 (not to exceed 10 pages) which summarizes control techniques and load reductions.

Subtask 2.4 - In-Stream Erosion

The consultant will evaluate in-stream data from Metro at various locations in Issaquah Creek to estimate the significance of stream bank erosion to phosphorus loads. If this preliminary work demonstrates its significance as a source, recommendations will be made for follow-up work.

Products: Updated Subtask 1.2 technical memo regarding in-stream P load contribution.

Subtask 2.5 - Other Sources (Landfill, Hatchery, Industries)

The consultant will summarize existing pertinent information on the Cedar Hills Landfill, Issaquah Hatchery, and WDOE documented industrial dischargers in the watershed concerning phosphorus loading potential and load reductions anticipated with on-going or potential remedial actions. Estimates will be made of relative significance of these "other sources" to the major land use categories previously addressed. If conclusions result in a significant phosphorus contribution to Lake Sammamish, reduction measures will be defined.

Product: An updated Subtask 1.2 technical memo regarding P loading from other sources.

TASK 3 - DESIGN CRITERIA FOR DETENTION AND POLISHING FACILITIES

OBJECTIVES:

- Develop design criteria for new development on-site R/D and polishing facilities.
- Evaluate the utility of regional subbasin R/D facilities for phosphorus control.

- Evaluate non-structural solutions for new development.

Subtask 3.1 - Assemble Design Criteria Information

The consultant will examine existing local soil, slope, and other data from Task 1 as it relates to design criteria. A maximum of five phone conference interviews with consultant and Metro will be conducted with select individuals from local public works staffs to identify local experience. Phone interviews will be preceded by a letter to each jurisdiction outlining the intent and subject of the phone interview. The consultant will conduct a targeted literature review (not to exceed 20 references) on design criteria for phosphorus removal, including those references listed in Exhibit A.

Product: A technical memo (not to exceed 20 pages) which includes conceptual plan/section drawings of phosphorus removal methods.

Subtask 3.2 - Design Criteria for Structural Methods

Based on phosphorus loading reduction methods identified in Subtask 1.3, the consultant will identify design criteria for on-site and regional structural measures and their estimated phosphorus removal efficiencies. Infiltration will be one of the methods evaluated. In addition to phosphorus removal, other key design criteria including public safety/facility intergity will be identified. Recommendations will be provided which relate to design criteria for facilities sizing based on stormwater volume. Unit costs for structural measures will be provided based on literature from Subtask 3.1.

Products: An update of Technical Memo 3.1 which defines criteria for on-site and regional structural methods; contact list for interviews.

Subtask 3.3 - Non-Structural Design Criteria

The consultant will identify and summarize alternatives to existing development standards to achieve phosphorus loading reductions. Specific non-structural considerations will include:

- Alteration to road design standards.
- Land use density adjustments to allow more open space.
- Separation of runoff sources based on quality.
- Stream bank protection.

Product: An update of Technical Memo 3.1 which defines non-structural options for new development.

TASK 4 - FEASIBILITY ANALYSIS

OBJECTIVES:

- Screen out and eliminate alternatives that are either not technically feasible or that do not have significant phosphorus removal potential.
- Prepare cost estimates for viable structural and non-structural techniques.
- Prepare a comparative matrix analysis of benefits and costs of feasible techniques.
- Identify at least two alternative watershed management plans that include a combination of techniques and that will provide different levels of cost and water quality protection for Lake Sammamish as demonstrated by lake modeling analysis.

Subtask 4.1 - Screen Analysis

The consultant will prepare comprehensive lists of nutrient loading/nutrient loading reduction techniques for structural and non-structural methods and by subbasin. These will be screened, with Metro participation, to eliminate techniques/sources that have low P reduction potential or poor technical feasibility.

Product: A technical memo (not to exceed 10 pages) which includes tabular summaries and the screening rationale.

Subtask 4.2 - Cost Estimates

Costs will be estimated for viable structural and non-structural techniques. Viable techniques will be determined by the results of screening in Subtask 4.1. The costing approach will be to select a typical, site-specific example (e.g. a residential plat, hobby farm) for which approximate costs for application of control techniques will be estimated. This site-specific cost will then be extrapolated to a watershed basis using available inventory information from Task 1 through 3. Costs will be assigned by technique, land use category, and subbasin for ease of analysis. Cost estimates will be focused on changes/additions to facilities (incremental costs) which are intended to remove phosphorus from drainage. At contract preparation time, it is not possible to determine the focus of costing efforts. Therefore, a budget allocation of 99 hours has been defined for Subtask 4.2. The consultant's effort will be commensurate with these budget hours. Any cost estimates provided by the consultant will be on a basis of experience and judgment, but since it has no control over market conditions or bidding procedures the consultant cannot warrant that bids or ultimate construction costs will not vary from these cost estimates. Since cost estimates will not reflect site specific design requirements they will be generic in nature and will be provided as cost ranges that might be encountered.

Product: An update of Technical Memo 4.1 which defines approximate cost estimate tables by subbasin with narrative.

Subtask 4.3 - Comparative Matrix Analysis

The consultant will produce comparative matrices for structural and non-structural techniques combining cost, treatment benefit, and other evaluation criteria.

Product: An update of Technical Memo 4.1 which includes comparative matrices.

Subtask 4.4 - Alternative Lake Management Plans/Lake Modeling

The consultant will use the comparative matrices to select two alternative combinations of phosphorus control management plans. Each plan will offer a different level of phosphorus control and cost. The lake phosphorus model will be employed to demonstrate the water quality benefits of each alternative.

Products: An update of Technical Memo 4.1 which will add two alternative lake management plans, including a lake modeling analysis to define predicted water quality.

TASK 5 - REPORTS AND COORDINATION

OBJECTIVES:

- Maintain proper communication between project team members and Metro.
- Provide opportunity for input by local jurisdictions.
- Provide draft and final reports.
- Provide draft elements for memorandum of understanding.

Subtask 5.1 - Coordination

The Project Manager, Dale Anderson, will be available by phone to Metro throughout the project. The project team will have monthly coordination meetings at Entranco with the Metro project manager. Our project manager and select team members will also be present for one kick-off meeting with the planning committee and two workshops. With respect to this particular contract, Section 6D (page 4) is null and void. Task 5 of the scope of work defines the obligations of the consultant for project coordination with Metro.

Products: Five team meetings (1-2 hour duration).
One planning committee meeting (1-2 hour duration).
Two jurisdiction workshops (3-4 hour duration).

Subtask 5.2 - Reports

The consultant will prepare draft and final completion reports summarizing project efforts. These documents will also contain the draft elements for an intergovernmental agreement. Prior to draft report preparation, an outline of the product will be presented and discussed with Metro. The draft and final report will not exceed 100 pages. Three copies of the draft report will be provided by the consultant. One camera-ready final report and three copies will also be provided by the consultant.

Products: Draft and final report.
Draft elements of a intergovernmental agreement.

KEY PERSONNEL

- A. The consultant shall be responsible for the professional standard, performance and action of all persons performing work under the contract. Key individuals, including their substitutes must be approved by Metro in advance.

- B. The consultant's Project Manager approved by Metro, is Mr. Dale Anderson. In Mr. Anderson's absence, the Manager shall be Mr. David Morency.

SCHEDULE FOR CONSULTANT

Months from Receipt of
Notice to Proceed

	1	2	3	4	5
TASKS					
1.1 Mapping	****				
1.2 SW Inputs	*****	****			
1.3 Load Reduction	*****	****			
2.1 Forrestry	****	*****			
2.2 Agriculture	****	*****			
2.3 On Site	****	*****			
2.4 In-stream		*****			
2.5 Other Sources		*****			
3.1 Design Info	*****	****			
3.2 Design Criteria	*****	*****			
3.3 Non Structural	*****	*****			
4.1 Screening			****		
4.2 Costing			****		
4.3 Matrix			****		
4.4 Alternative Plans			****		
5.5 Coordination	*****	*****	*****	*****	*****
5.6 Reports - Draft			****	**	
- Final					*****

PARTIAL LIST OF REFERENCES
FOR SUBTASK 3.1

"Methodology for Analysis of Detention Basins for Control of Urban Runoff Quality", USEPA unpublished, September 1986.

"Detention Basins for Control of Urban Stormwater Quality", unpublished, USEPA, Water Planning Division, 1982.

"Guidebook for Screening Urban Nonpoint Pollution Management Strategies", Northern Virginia Planning District Commission, 1979 (with 1986 draft updates).

"Design Guidelines for Water Quality Control Basins (draft)", City of Austin, Texas, 1986.

"Standards and Specifications for Infiltration Practices", Maryland Department of Natural Resources, 1984.

"Retention, Detention, and Overland Flow for Pollutant Removal from Highway Stormwater Runoff (draft)", Federal Highway Administration, 1986.

"Guide for Water Quality Impact Assessment", Washington State Department of Transportation, Report No. 14, 1982.

LAKE SAMMAMISH WATER QUALITY MANAGEMENT PROJECT
INTERLOCAL AGREEMENT

Parties

THIS AGREEMENT is entered into by and between the MUNICIPALITY OF METROPOLITAN SEATTLE (hereinafter referred to as "Metro"), the COUNTY OF KING (hereinafter referred to as "King County"), the CITY OF BELLEVUE, a municipal corporation of the State of Washington (hereinafter referred to as "Bellevue", and the CITY OF REDMOND, a municipal corporation of the State of Washington (hereinafter referred to as "Redmond"). The parties to this agreement hereby join together for the purpose of proposing ways to preserve the present water quality of Lake Sammamish as increases in watershed development occur by continuing the evaluation of effects of phosphorus input into the lake, by describing potential controls of the input, by studying the feasibility of the controls, and by developing agreements for implementing the feasible controls. The work conducted under this agreement will be Stage B of Phase I of the Lake Sammamish Water Quality Management Project.

WHEREAS, the parties hereto recognize the desirability and importance of preserving the water quality of Lake Sammamish; and

WHEREAS, the Lake Sammamish Water Quality Management Project offers the opportunity to protect the water quality of the lake; and

WHEREAS, the Washington Department of Ecology has funded 75 percent of the Lake Sammamish Water Quality Management Project according to the provisions of RCW 43.99; and

WHEREAS, the water quality of the lake improved after the diversion of domestic sewage in 1968, and the results of the first part of the Lake Sammamish Water Quality Management Project predict that as urbanization of the drainage basin occurs under present controls the water quality of the lake will

1 worsen due to phosphorus loading and that additional controls
2 would be capable of maintaining the quality of the lake; and

3 WHEREAS, King County, Bellevue and Redmond each have land
4 use jurisdiction over portions of the drainage basin; and

5 WHEREAS, the quality of the lake has regional significance;
6 and

7 WHEREAS, King County and Bellevue each have surface water
8 management programs which include maintaining water quality, and
9 the mission of Metro includes maintaining clean water throughout
10 the region; and

11 WHEREAS, pursuant to RCW 39.34, the Interlocal Cooperation
12 Act, the parties are each authorized to enter into an agreement
13 for such cooperative action as the Lake Sammamish Water Quality
14 Project,;

15 NOW THEREFORE, the parties hereto agree to participate in
16 the study as follows:.

17 1. Project Tasks

18 The project tasks are described in the grant agreement
19 scope of work which is incorporated by reference herein and
20 attached hereto (Attachment 1).

21 2. Costs

22 The parties hereto shall bear responsibility for 25 percent
23 of the cost of the project. (The Washington Department of Ecology
24 is funding 75 percent of the cost.)

25 Costs shall be allocated equally as follows:

26 Metro	- 6.25%
27 King County	- 6.25%
28 Bellevue	- 6.25%
29 Redmond	- 6.25%

30 Provided that, a one-fourth share, i.e. 6.25 percent of the
31 total project cost, shall not exceed \$7,000. Payment by King
32 County, Bellevue and Redmond shall be made to Metro upon receipt
33 of an invoice from Metro, billing by task according to such

1 schedule and in such amounts as may be determined by Metro to be
2 necessary for implementation of the project. The budget by task
3 is incorporated by reference herein and attached hereto (Attach-
4 ment 2). Washington Department of Ecology (WDOE) funds will be
5 provided through the project contracts between WDOE and Bellevue
6 and between Bellevue and Metro.

7 3. Allocation of Responsibility

8 Funds shall be provided to those responsible for carrying
9 out the tasks according to the scope of work and shall be allo-
10 cated as follows:

11 a. Project Management

12 A member of the planning team from Metro shall act as
13 project manager. The project manager shall coordinate the plan-
14 ning activities and shall be responsible for the project admin-
15 istration including contracting with consultants, managing the
16 funds, and reporting to the Washington Department of Ecology.

17 Each of the parties hereto shall designate at least one
18 person to serve on a project planning team. The planning team
19 shall be responsible for directing the project according to the
20 scope of work and for assigning responsibilities. The planning
21 team shall review and approve the scope of work, schedules, con-
22 sultant selection, consultant agreements and all other work done
23 under this agreement. Planning team meetings shall be held once
24 a month unless otherwise scheduled by the team. None of the
25 parties shall be reimbursed for staff participation on the
26 planning team.

27 b. Assessment of Existing Stormwater Inputs, Assessment of
28 Specific Sources, Design Criteria for Detention and Polishing
29 Facilities, Feasibility Study, Final Report

30 A consultant shall be contracted to perform the above
31 tasks. Metro shall contract with the consultant through Metro's
32 "Over \$30,000 Consultant Selection Procedure". The project
33 manager shall administer the consultant contract.

1 c. State Environmental Policy Environmental Impact Assess-
2 ment

3 The Environmental Department of Metro will prepare the
4 environmental impact assessment.

5 d. Public Involvement

6 The planning team shall develop a plan for public in-
7 volvement and shall supplement the public involvement activities
8 of the environmental impact assessment process.

9 The project manager shall coordinate the public involvement
10 activities.

11 e. Implementation Agreements

12 The planning team shall recommend implementation
13 activities based on the results of previous work in the project.

14 King County staff shall develop recommendations for
15 future implementation including draft agreements as appropriate.

16
17 4. Duration

18 This agreement becomes effective upon signature by all par-
19 ties and endures until the tasks in the scope of work are com-
20 plete or for three years, whichever comes first

21 5. Amendments and Extension or Termination

22 This agreement may be amended, altered, clarified or exten-
23 ded only by written agreement of the parties hereto.

24 This agreement may be terminated by any party with sixty
25 days written notice.

1 DATED this _____ day of _____, 1987.

2
3 MUNICIPALITY OF METROPOLITAN SEATTLE

4 By _____

5 Alan Gibbs

6 Title: Executive Director

7
8 CITY OF BELLEVUE

9 By _____

10 Cary Bozeman

11 Title: Mayor

12 CITY OF REDMOND

13 By _____

14 Doreen Marchione

15 Title: Mayor

16 KING COUNTY

17 By _____

18 Tim Hill

19 Title: King County Executive