




**Washington State
Water Pollution Control Revolving Fund**

**Final Intended Use Plan
FY 2003**

**September 20, 2002
Publication No. 02-10-043**

 *Printed on Recycled Paper*

For additional copies of this document, contact:

Department of Ecology
Publications Distribution Center
P.O. Box 47600
Olympia, WA 98504-7600

The Department of Ecology is an equal opportunity agency and does not discriminate on the basis of race, creed, color, disability, age, religion, national origin, sex, marital status, disabled veteran's status, Vietnam Era veteran's status, or sexual orientation.

If you have special accommodation needs or require this document in an alternative format, please call Donna Lynch at (360) 407-7529. The TDD number is (306) 407-6006. E-mail can be sent to dlyn461@ecy.wa.gov.

Table of Contents

	Page
I. Funds Available for Projects	1
II. Goals	3
III. Uses and Terms of Financial Assistance	5
IV. Assurances and Certifications	7
V. Compliance With Title II Requirements	7
VI. Criteria and Method for Distribution of Funds	9
VII. Distribution of Funds	11
VIII. Allocation of Funds Among Projects	11
IX. Descriptions of Projects Proposed for Funding	11
X. Proposed SRF Payment Schedule	11
XI. Public Review and Comment	11

List of Attachments

- 1. List of Projects Considered and Proposed for Funding**
- 2. Project Summaries**
- 3. Proposed Schedule of Payments From EPA to the State of Washington**
- 4. Estimated Schedule of Binding Commitments**

I. Funds Available for Projects

This Final Intended Use Plan (IUP) describes how the state of Washington plans to use the moneys available to the Washington State Water Pollution Control Revolving Fund (SRF) during state fiscal year 2003 (FY 2003). Total funds available for this year's IUP will be \$132,053,032. This total is based on receiving the federal fiscal year (FFY) 2002 Title VI capitalization grant from the U.S. Environmental Protection Agency (EPA), the required 20 percent state match to the federal grant from Washington State's 2001 - 2003 biennial appropriations, deobligated funds from previous funding cycle loan recipients, and principal and interest repayments from previous funding cycle loan recipients. Four percent of the federal Title VI capitalization grant is designated for the Department of Ecology's (Ecology) eligible administration costs. The remaining \$131,125,679 will be available as loans for water pollution control projects.

The following table illustrates SRF funds available for FY 2003.

Federal Fiscal Year 2002 Title VI Grant	\$23,183,820
State Match (20%) to Federal Fiscal Year 2002 Federal Title VI Grant	\$4,636,764
Principal and Interest Repayments from Previous Funding Cycle Recipients	\$98,261,906
Deobligated Funds from 7/1/01 to 6/30/02	<u>\$5,970,542</u>
Total SRF Funds	\$132,053,032
Less (4%) of Federal Fiscal Year 2002 Title VI Grant for SRF Administration	<u>(\$927,353)</u>
SRF Funds Available for Projects	\$131,125,679

Local governments demand for SRF financial assistance this funding cycle was less than funds available. During the FY 2003 funding cycle application period Ecology advertised that approximately \$80.4 million would be available in low-interest loans to address high priority water quality protection and improvement needs. However, during February 2002, the SRF program received an early repayment in the amount of \$45,538,904 from King County that retired its SRF loan. This payment together with expected principal, interest, and deobligated funds resulted in over \$131 million being available for projects.

After the 30 day public review and comment period Ecology initiated changes that impact the amount of funds proposed for local governments projects on the SRF FY 2003 Draft IUP. These changes are:

- Application Number FP03115, Wastewater Treatment Plant Upgrade & Expansion, submitted by the city of Stanwood. The Director of Public Works, Mr. Bill Beckman wrote to inform Ecology that the actual bids for the project were higher than the estimated amount shown in the City's application and requested that Ecology increase its proposed funding offer to cover the bid overrun and associated construction management cost. Ecology concurred with the City's request and has increased the funds proposed on the SRF Draft IUP of \$4,331,167 to \$8,868,072 as shown on Attachment 1.

- Application Number FP03069, Tamoshan Wastewater Treatment Plant Replacement, submitted by Thurston County. Mr. Richard Blinn, the Director of Thurston County's Department of Water and Waste Management, wrote to inform Ecology that the actual bids for the project were higher than the estimated amount shown in the County's application and requested that Ecology increase its proposed funding offer to cover the bid overrun and associated construction management cost. Ecology concurred with the City's request and has increased the funds proposed on the SRF Draft IUP of \$1,430,800 to \$1,582,824 as shown on Attachment 1.
- Application Number FP03089, Wastewater Treatment Plant Construction, submitted by the city of Benton City. During the 30 day public review and comment period an Ecology engineer noted that the proposed Centennial Clean Water Fund grant shown on the FY 2003 Draft Offer and Applicant List for the city of Stanwood was incorrect. Based on an eligibility determination the proposed grant of \$4,108,833 was reduced to \$2,592,400. This released grant funds for other water quality projects. As a result, the city of Benton City has been offered a \$900,000 grant and the SRF loan shown the Draft IUP which covered the total eligible project cost was reduced from \$3,075,00 to \$2,175,000 as shown on Attachment 1.
- Application Number FP03119, Comprehensive Sewer Plan for Sekiu and Clallam Bay WWTP, submitted by the Clallam County Public Works, was proposed for funding on the SRF FY 2003 Draft IUP. The notification letter to the County required them to respond in writing by the end of the public review and comment period if they intended to proceed using the funds proposed. No response was received by the comment period deadline and the project was removed from the SRF Final IUP. The proposed funds of \$425,000 will be carried over and be made available during the SRF FY 2004 funding cycle.
- Application Number FP03070, Grand Mound Sewer Facilities Construction, submitted by Thurston County. Mr. Richard Blinn, the Director of Thurston County's Department of Water and Waste Management, wrote to inform Ecology that they are withdrawing their application for a refinance loan to fund the Grand Mound Wastewater Treatment Plant because the bonds issued for the project include call protection. Ecology removed the project from the SRF Final IUP. The \$5,317,300 proposed for the refinance project will be carried over and be made available during the SRF FY 2004 funding cycle.

Total demand for SRF funds for SFY 03 is \$125,115,464. However, ten applicants with water pollution control facility construction projects requested that Ecology conduct a financial hardship analysis on the effect of the project on residential sewer user fees. Ecology conducted a financial hardship analysis and determined that eight projects are eligible for financial hardship assistance. Two of the applicants requesting financial hardship assistance are proposed to receive SRF hardship loans and Centennial Clean Water Fund hardship grants. Consequently, the demand for SRF loans is reduced by \$7,628,670 from \$125,115,464 to \$117,486,794. This leaves \$13,638,885 in non-requested funds for SFY 03.

Ecology requests that EPA award the entire federal fiscal year 2002 capitalization grant and allow the \$13,638,885 in principal and interest repayments to be carried over and be offered during the SFY 04 funding cycle. During SFY 04 Ecology expects to have approximately \$63,659,924 available for local governments water pollution control activities and facilities projects.

The following table shows expected funds available for SFY 04:

Potential Federal Fiscal Year 2003 Title VI Grant	\$23,000,000
State Match (20%) to Federal Fiscal Year 2003 Federal Title VI Grant	\$4,600,000
Principal and Interest Repayments Carryover from SFY 03	\$13,638,885
Expected Principal and Interest Repayments for SFY 04	<u>\$23,341,039</u>
Total SRF Funds	\$64,579,924
Less (4%) of Federal Fiscal Year 2003 Title VI Grant for SRF Administration	<u>(\$920,000)</u>
Projected SFY 04 SRF Funds Available for Projects	\$63,659,924

Ecology expects the demand from local governments for SFY 04 SRF funding to exceed funds available. For example, Ecology staff have been working with local governments on a pilot program which will allow SRF funds to be used for design/build of wastewater treatment facilities. Spokane County and the city of Tacoma intend to participate in the pilot program. Spokane County intends to borrow up to \$75 million and the city of Tacoma intends to borrow up to \$50 million.

There are other local governments interested in participating in the design/build pilot program. Ecology will aggressively market the design/build pilot through public meetings and mailing information about the pilot to local governments and Indian tribes statewide.

The SRF program received 41 applications from local governments requesting over \$125 million. Ecology is proposing to offer approximately \$117 million in low-interest loans to 30 local governments for 41 high-priority water quality projects.

II. Goals

Ecology has both long- and short-term goals that guide the administration of the SRF program. These goals are:

A. Short-Term Goals

1. Work with Ecology’s Water Quality Financial Advisory Council to implement a new section in Chapter 70.146 RCW “Water Pollution Control Facilities Financing”. The new section requires Ecology to:

- Require applicants to incorporate the environmental benefits of the project into its applications. Ecology already meets this requirement.
 - Develop appropriate outcome-focused performance measures to be used for management and performance assessment of the financial assistance program.
 - Coordinate its performance measure system with other natural resource related agencies.
2. Continue the process to integrate, within federal and state laws, the SRF with the Centennial Clean Water Fund (Centennial), and the federal Clean Water Act Section 319 Nonpoint Source Program (Section 319) to maximize limited state and federal grant and loan funds to improve and protect the water quality of the state of Washington.
 3. Continue to develop and implement the SRF program so that financial assistance for water pollution control needs is available in perpetuity to communities statewide.
 4. Provide low-interest loans to local governments for 21 water pollution control facility projects.
 5. Provide low-interest loans to local governments for 14 nonpoint source pollution control projects.
 6. Provide six low-interest loans to local governments to refinance debt obligations for municipally-owned water pollution control facilities.
 7. Administer the SRF program and provide technical and financial assistance to loan recipients and potential applicants.
 8. Continue working with EPA in implementing the SRF and to develop the FY 2004 IUP and capitalization grant agreement.

B. Long-Term Goals

1. To integrate, to the greatest extent possible, the SRF with the Centennial Clean Water Fund (Centennial) and the federal Clean Water Act Section 319 Nonpoint Source Program (Section 319) to maximize limited state and federal grant and loan funds to improve and protect the water quality of the state of Washington.
2. To provide financial assistance to communities to achieve compliance with state and federal water pollution control requirements, implement nonpoint source pollution control programs, and develop and implement estuary conservation and management programs.

3. To protect public health and water quality, and to achieve overall improvement and protection of the environment.
4. To encourage local governments to develop and implement projects which will prevent water quality degradation, including wetland protection projects.
5. To assist communities with financial difficulties in meeting required public health and water quality standards while maintaining the health and perpetuity of the SRF according to federal law and guidance.
6. To provide the type and amount of financial assistance most advantageous to communities, consistent with the long-term health of the fund.
7. To administer the SRF program to ensure that the financial integrity, viability, and revolving nature are maintained.

III. Uses and Terms of Financial Assistance

A. Uses

Details of specific uses of SRF moneys are contained in the state regulation (Chapter 173-98 WAC "Uses and Limitations of the Water Pollution Control Revolving Fund"), program guidelines (revised December, 2001), and the Operating Agreement (dated September 11, 1989.) In summary, SRF moneys can be used to support projects in two funding categories: 1) water pollution control facilities and 2) nonpoint source pollution control and comprehensive estuary conservation and management.

SRF moneys can be issued for the following purposes:

1. To make loans, at or below market interest rates, to applicants in order to finance the planning, design, implementation, development and construction of facilities and activities.
2. To buy or refinance the debt obligations, for construction of water pollution control facilities, incurred after March 7, 1985.
3. To guarantee or purchase insurance for local obligations to improve credit rating.
4. To provide security or a source of revenue for SRF-issued bonds.
5. To finance reasonable costs incurred by Ecology in administering the SRF program.

B. Terms

Ecology bases interest rates for projects on the average market interest rate for tax exempt municipal bonds (as published in the *Bond Buyer's Index*). According to Chapter 173-98 WAC, Ecology calculates the average market rate before the funding cycle begins, based on the daily market interest rate for the period from sixty days before the start of application cycle to thirty days before the start of application cycle. The rates are determined based on repayment time. For a repayment period of up to five years, the rate is determined to be thirty percent of market rate for tax exempt municipal bonds. For a repayment period of more than five years but no more than 20 years the rate is determined to be sixty percent of market rate for tax exempt municipal bonds.

However, the rule also allows Ecology to set interest rates lower than this if a financial analysis of the fund demonstrates that lower interest rates for that year are not detrimental to the perpetuity of the fund. An analysis has shown that lower interest rates for the FY 2003 funding cycle will not effect the perpetuity of the SRF program. In addition, the lower rates have a positive impact on the water quality of the state and the fiscal health of small towns struggling to fund projects. Lower interest rates have also helped to market the program.

For FY 2003, the following terms are offered to applicants:

Repayment Period	Interest Rate
Up to five years:	0.5 percent
Over five years but no more than 20 years:	1.5 Percent

Applicants may be considered for financial hardship terms if their proposed projects would cause user charges to exceed 1.5 percent of the median household income. If Ecology determines that financial hardship exists, it may structure SRF loan agreements with terms to help keep user charges below the financial hardship level, if possible. Hardship terms may include lengthening the repayment period to a maximum of 20 years and/or adjusting the interest rate to as low as zero percent.

Ecology proposes to provide SRF financial hardship assistance to the following local governments:

Application Number	Applicant Name/Project Title	Interest Rate	Term In Years	Funds Proposed
FP03115	Stanwood, City of Wastewater Treatment Plant Upgrade & Expansion	0%	20	\$4,331,167
FP03075	Centralia, City of Pump Station and Conveyance Pipelines	0%	20	\$4,100,000
FP03089	Benton City, City of Wastewater Treatment Plant Construction	0%	20	\$3,075,000

Application Number	Applicant Name/Project Title	Interest Rate	Term In Years	Funds Proposed
FP03069	Thurston County Tamoshan Wastewater Treatment Plant Replacement	0%	20	\$1,430,800
FP03032	Soap Lake, City of Sewer Treatment System Improvements	0%	20	\$1,500,000
FP03039	Fisherman Bay Sewer District Refinance Existing Bond Debt	0%	20	\$464,374
FP03027	Coulee City, Town of Coulee City Wastewater Loan Refinance	0%	20	\$1,361,112
FP03001	Public Utility District No. 1 of Stevens County Echo Estates Sewer Loan Refinancing	0%	20	\$96,900

IV. Assurances and Certifications

The necessary assurances and certifications required by Title VI of the Clean Water Act, as amended by the Water Quality Act of 1987, and the EPA have been included in the Operating Agreement between the state of Washington and EPA.

Section IV.C of the Operating Agreement states "The Department of Ecology shall transfer into the SRF a state match consisting of either cash or a letter of credit, which equals 20 percent of each federal grant payment, on or before the date when the state of Washington receives the federal grant payment." To further clarify this, Washington State will provide EPA with a "Letter of Commitment" which shows that the required state match has been committed. Washington's matching share will be deposited into the SRF account when an actual draw is made for the federal share of SRF moneys.

V. Compliance With Title II Requirements

The following projects will be required to comply with Title II Requirements:

Application Number	Applicant Name/Project Title
FP03046	Mason County Belfair Water Reclamation Facility Design
FP03100	Bremerton, City of Pacific Avenue CSO Reduction - Separation
FP03115	Stanwood, City of Wastewater Treatment Plant Upgrade & Expansion
FP03075	Centralia, City of Pump Station and Conveyance Pipelines

Application Number	Applicant Name/Project Title
FP03066	King County Wastewater Treatment Division (WTD) Denny Way/Lake Union CSO Control Project/Elliott West Pipelines Contract
FP03089	Benton City, City of Wastewater Treatment Plant Construction
FP03074	Duvall, City of Wastewater Facilities Upgrade
FP03065	King County Wastewater Treatment Division (WTD) Henderson/M.L. King CSO Project
FP03029	Tacoma, City of Tacoma Central Treatment Plant Upgrade
FP03069	Thurston County Tamoshan Wastewater Treatment Plant Replacement
FP03012	Colfax, City of Influent Pump/Pretreatment/Telemetry Upgrade
FP03117	Yelm, City of Reclaimed Water Distribution/Storage Facilities
FP03064	King County Wastewater Treatment Division (WTD) Southwest Interceptor - Kent Section
FP03081	Kettle Falls, City of Kettle Falls Wastewater Facility Plan
FP03067	King County Wastewater Treatment Division (WTD) Southwest Interceptor - Auburn Section
FP03010	Granite Falls, City of Receiving Water and Effluent Study
FP03099	Bremerton, City of Anderson Cove Inflow/Infiltration Study
FP03032	Soap Lake, City of Sewer Treatment System Improvements
FP03035	Winlock, City of Winlock Wastewater Facility Planning
FP03068	King County Wastewater Treatment Division (WTD) King County Wastewater Security Improvements
FP03039	Fisherman Bay Sewer District Refinance Existing Bond Debt
FP03027	Coulee City, Town of Coulee City Wastewater Loan Refinance
FP03001	Public Utility District No. 1 of Stevens County Echo Estates Sewer Loan Refinancing

Application Number	Applicant Name/Project Title
FP03118	Yelm, City of Yelm Sewer Project Loan Refinance
FP03020	Monroe, City of Eastside Interceptor
FP03005	Tekoa, City of Wastewater Treatment Plant Improvements

VI. Criteria and Method for Distribution of Funds

The following approach was used to develop the distribution of \$117 million to local governments from the SRF:

A. Applications for Funding

Information about the SRF program, workshops and the application period for SRF assistance was distributed to local governments and interested persons statewide. During January 2002, four public workshops were held statewide in Spokane, Ellensburg, Tacoma, and Mount Vernon. At the workshops, information on the SRF program and the application process was presented.

Applications for funding were accepted during the application period, from January 2, 2002, through March 6, 2002. Based on information provided in the applications, projects were evaluated and prioritized. A detailed description of the application and project evaluation process is found in Chapter 7 of the Funding Guidelines. A summary of the process is described below.

B. Project Evaluation

Ecology used a new evaluation process during the FY 2000 funding cycle. This process was refined for the SRF FY 2003 funding cycle. The process incorporates changes from previous funding cycles suggested by Ecology's external group, the Water Quality Program Financial Assistance Council (Council). The Council is comprised of representatives from many stakeholder groups which include grant and loan recipients. The Council reviewed the previous evaluation and ranking process and identified areas where changes were needed. Ecology used these recommendations to develop the evaluation system for the FY 2003 funding cycle. In addition, Ecology also incorporated these recommendations in the SRF rule; Chapter 173-98 WAC, "Uses and Limitations of the Water Pollution Control Revolving Fund", updated in 2000".

In their most important guidance, the Council recommended to continue using evaluation criteria with assigned point values. Ecology had used points in the past, but had not used them for several funding cycles. In the revised system, evaluators assigned points for answers provided by applicants to questions in five categories. An additional category at the beginning of the questionnaire requests that the applicant discuss the overall water quality problem and how the

problem will be solved or addressed by the project. No points are assigned for this category, but the answer serves as a frame of reference for applicants and evaluators. The categories are:

- Overall water quality problem and how the problem will be solved or addressed by the project.
- Specific public health and water quality impairments caused by the problem and pollution prevention aspects. (Category total: 340 points)
- How the project addresses the water quality problem/measures of success. (Category total: 340 points)
- Local initiatives taken to make the proposed project a success. (Category total: 120 points)
- State of Washington or Federal mandates that this proposed project addresses. (Category total: 100 points)
- Local Priority-Setting Process. (Category total: 100 points)

Ecology evaluated the proposals, assigned points, and used the points to develop a statewide priority list in numerical order. At their discretion, other state agency staff involved in water pollution control and public health provided funding recommendations to Ecology evaluators.

The above process was followed to evaluate projects that have not been constructed/implemented.

A new evaluation process was developed for the FY 02 funding cycle for refinance projects. The refinance evaluation process was also used for the FY 03 funding cycle. In past funding cycles refinance projects were evaluated along with projects that have not been constructed/implemented. One of Ecology's goals is to help improve and protect the water quality of Washington. As a result, Ecology decided that local governments with projects that have not been constructed/implemented should be offered funding before refinance projects.

If there are any funds remaining after all local governments with new projects are proposed/offered funding, then those local governments requesting funds to refinance a wastewater treatment facility would be considered for funding.

For refinance projects, applicants for funding use a shorter, simpler application form. The form asks basic questions about the project and about the applicant's financial capability to pay for the project with and without the refinance.

All applicants with refinance projects applying for funding in a fiscal year will be ranked by financial capability using the same criteria used for evaluating hardship, and giving the highest ranking to the applicants with the greatest financial need.

Ecology incorporated this new process in the SRF rule update.

VII. Distribution of Funds

The SRF state rule requires Ecology to distribute money according to the following category allocations: eighty percent of the fund is to be used for water pollution control facilities, 20 percent of the fund is reserved for nonpoint source pollution control and for comprehensive estuary conservation and management. Unless the demand for funds is limited, not more than 50 percent of each funding category allocation can be awarded to any one applicant. In addition, if requests for SRF assistance in one category do not result in the offer of all available funds, any remaining funds are transferred to other categories. Loans may be provided for up to 100 percent of the total eligible project cost.

Loan offers that will be identified on the Final IUP will be effective for up to one year from the date of the offer. All SRF loan offers that do not result in a signed SRF loan agreement within the effective offer period are automatically terminated. Funds reserved for SRF loan agreements that are not signed within the effective period maybe carried over and made available for the next year's funding cycle, offered to applicants who did not receive all funds requested, or to other applicants on the Final IUP who did not receive funding offers.

VIII. Allocation of Funds Among Projects

This Final IUP contains a list of all local governments with projects considered for funding and those that are offered assistance during this funding cycle. This list was established based on the total amount of funds available for each category and after the eligible applicant's projects have been evaluated and prioritized. The list of local governments considered for funding and those with projects offered funding are included as Attachment 1.

IX. Descriptions of Projects Proposed for Funding

All projects considered and proposed for funding are described in Attachment 2.

X. Proposed SRF Payment Schedule

The proposed schedule of payments from EPA to the state of Washington are shown on Attachment 3.

XI. Public Review and Comment

A. Funding Cycle

The SRF Draft IUP for FY 2003 was available for public review and comment from July 18, 2002, to August 19, 2002. Ecology requested comments on both the contents of the Draft IUP and the list of projects proposed for funding. Comments received during the public review and comment period were carefully assessed. Modifications were made to the list of projects proposed for funding as a result of comments received on the Draft IUP.

B. Responses to Comments

Richard Blinn, Director, Thurston County Department of Water & Waste Management Project Number FP03069/Tamosham Wastewater Treatment Plant Replacement.

Two Comments: Mr. Blinn wrote that the County inadvertently did not indicate on their application that part of their funding request was to refinance project planning and design costs and requested that Ecology allow these cost to be eligible for funding. In addition, the actual construction bids are higher than the estimated amount shown in the County's application and requested that Ecology increase its proposed funding offer to cover the bid overrun.

Response: Ecology is able to refinance planning and design costs as part of the project and has increased its funding offer to cover the actual bid amount.

Curt Wyrick, Chief Deputy Prosecuting Attorney, Clark County, Project Number FP03033/Salmon Creek TMDL Implementation.

Comment: Clark County will assume the responsibilities of the Southwest Washington Health District, commencing on January 1, 2003.

Response: Ecology is pleased to work with staff from either the Southwest Washington Health District or Clark County on this project. Because the funding offer will be effective for 12 months beginning on the date of the Final Offer List, the funding offer will be made to Clark County for this project.

Bill Beckman, Director, City of Stanwood Public Works and Matthew L. McCune, Mayor, City of Stanwood, Project Number FP03115/Wastewater Treatment Plant Upgrade & Expansion.

Comment: Mr. Beckman wrote to inform Ecology that the actual bids for the project were higher than the estimated amount shown in the City's application and requested that Ecology increase its proposed funding offer to cover the bid overrun and associated construction management cost. Mayor McCune wrote to express appreciation for the proposed funding.

Response: Ecology is pleased to be able to provide funding for this project and has increased its funding offer to cover the bid overrun and increased construction management costs.

George Kirn, city of Stanwood resident, Project Number FP03115/Wastewater Treatment Plant Upgrade & Expansion.

Comment: Mr. Kirn wrote that the project is not affordable.

Response: Ecology acknowledges that a financial hardship exists. The grant funds offered to the City reflect a financial hardship determination conducted by Ecology and are intended to help off-set this financial hardship. The hardship amount is based on existing residential need at the time the City applied for funding.

The City's decision to apply for funding for its wastewater project and to incorporate capacity for growth, are local issues. Our records show that the City is currently in compliance with requirements of the Growth Management Act. Ecology supports the local decision making process. When issues or concerns arise, they should be directed back to those responsible for making the decision. Ecology encourages Mr. Kirn to work directly with City administrators to address any concerns.

Jeffrey Pearce, city of Stanwood resident, Project Number FP03115/Wastewater Treatment Plant Upgrade & Expansion.

Comment: Mr. Pearce wrote that the project is not affordable.

Response: Ecology acknowledges that a financial hardship exists. The grant funds offered to the City reflects a financial hardship determination conducted by Ecology and are intended to help off-set this financial hardship. The hardship amount is based on existing residential need at the time the City applied for funding.

The City's decision to apply for funding for its wastewater project and to incorporate capacity for growth, are local issues. Our records show that the City is currently in compliance with requirements of the Growth Management Act. Ecology supports the local decision making process. When issues or concerns arise, they should be directed back to those responsible for making the decision. Ecology encourages Mr. Pearce to work directly with City administrators to address any concerns.

Robin Carmichael, city of Stanwood resident, Project Number FP03115/Wastewater Treatment Plant Upgrade & Expansion.

Comment: Ms. Carmichael wrote that the wastewater treatment facility is not out of compliance with its National Pollution Discharge Elimination System (NPDES) permit, the population figures for the area within the City limits should be less and should not include the Cedarhome annexation, and that the project is not affordable.

Response: The city of Stanwood's wastewater treatment facility is at or near its capacity and is occasionally out of compliance with effluent limits. Water quality impacts are occurring and a new treatment facility is needed to address the environmental degradation. Ecology staff and staff from the city of Stanwood met and discussed the issues presented by Ms. Carmichael. The City verified information contained in its application regarding financial considerations of the project.

Ecology acknowledges that a financial hardship exists. The grant funds offered to the City reflects a financial hardship determination conducted by Ecology and are intended to help off-set this financial hardship. The hardship amount is based on existing residential need at the time the City applied for funding.

The City's decision to apply for funding for its project and to incorporate capacity for growth, are local issues. Our records show that the City is currently in compliance with requirements of

the Growth Management Act. Ecology supports the local decision making process. When issues or concerns arise, they should be directed back to those responsible for making the decision. Ecology encourages Ms Carmichael to work directly with City administrators to address any concerns.

Laura Chappel, city of Stanwood resident, Project Number FP03115/Wastewater Treatment Plant Upgrade & Expansion.

Comment: Ms. Chappel wrote that the City's application for funding is not accurate, funding the project will create a financial burden on residents in the form of sewer user fees, and residents will be forced to pay for growth.

Response: Ecology staff and staff from the city of Stanwood met and discussed the issues presented by Ms. Chappel. The City verified information contained in its application regarding financial considerations of the project. The City also acknowledged that they conducted a rate study and held public meetings to explain the project. Ecology acknowledges that a financial hardship exists and the grant funds offered to the City reflect a hardship determination conducted by Ecology. The hardship amount is based on existing residential need at the time the City applied for funding. The city of Stanwood has met all program prerequisites to receive funding for its wastewater treatment plant upgrade and expansion.

Ecology has determined that the City's responses for information requested in Part 1 of the funding application did not significantly impact the viability of the project. While the utility of the application could have been higher, relevant information was provided elsewhere in the funding application which was sufficient to address Ecology's data tracking and evaluation needs.

The City's decision to apply for funding for its project and to incorporate capacity for growth, are local issues. Our records show that the City is currently in compliance with requirements of the Growth Management Act. Ecology supports the local decision making process. When issues or concerns arise, they should be directed back to those responsible for making the decision. Ecology encourages Ms. Chappel to work directly with City administrators to address any concerns.

Richard Blinn, Director, Thurston County, Department of Water & Waste Management, Project Number FP03070/Grand Mound Sewer Facilities Construction.

Comment: Thurston County's Department of Waste and Water wishes to withdraw their application for a refinance loan to fund the Grand Mound Wastewater Treatment Plant because the bonds issued for the project include call protection.

Response: Ecology accepts the letter of withdrawal and encourages the Department of Water and Waste Management to consider future funding opportunities.

Attachment 1

List of Projects Considered and Offered Funding

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003 Final Intended Use Plan
List of Projects Considered and Offered Funding**

Application Number	Rank	Applicant Name/Project Title	Permit Number & Effluent Limits	Time Frame	Funds Requested	Funds Offered	Category	Interest Rate	Term In Years	Footnotes
FP03046	1	Mason County Belfair Water Reclamation Facility Design	N/A	10/1/02 - 9/30/04 (24 Months)	\$1,357,562	\$1,321,292	Water Pollution Control Facilities	1.5%	20	1
FP03033	2	Southwest Washington Health District Salmon Creek TMDL Implementation Project	N/A	1/1/03 – 12/31/04 (24 Months)	\$100,000	\$100,000	Nonpoint	1.5%	20	
FP03100	3	Bremerton, City of Pacific Avenue CSO Reduction - Separation	WA002928-9 BOD 30 mg/l TSS 30 mg/l	11/1/02 - 8/31/03 (10 Months)	\$250,000	\$250,000	Water Pollution Control Facilities	1.5%	20	
FP03115	4	Stanwood, City of Wastewater Treatment Plant Upgrade & Expansion	WA002029-0 BOD 30 mg/l TSS 75 mg/l	6/1/02 - 1/31/03 (20 Months)	\$11,460,472	\$8,868,072	Water Pollution Control Facilities	0%	20	2 & 3
FP03075	5	Centralia, City of Pump Station and Conveyance Pipelines	WA002098-2 BOD 20 mg/l TSS 20 mg/l	9/1/02 - 8/31/04 (24 Months)	\$8,200,000	\$4,100,000	Water Pollution Control Facilities	0%	20	2 & 3
FP03101	6	Bremerton, City of Pacific Avenue CSO Reduction - Storage	WA002928-9 BOD 30 mg/l TSS 30 mg/l	1/1/03 - 6/30/04 (18 Months)	\$1,000,000	\$1,000,000	Water Pollution Control Facilities	1.5%	20	
FP03066	7	King County Wastewater Treatment Division (WTD) Denny Way/Lake Union CSO Control Project/Elliott West Pipelines Contract	WA002918-1 BOD 30 mg/l TSS 30 mg/l	12/1/01 - 11/30/04 (36 Months)	\$12,549,757	\$12,549,757	Water Pollution Control Facilities	1.5%	20	
FP03089	8	Benton City, City of Wastewater Treatment Plant Construction	WA 005134-9 BOD 45 mg/l TSS 45 mg/l	10/1/02 - 3/31/04 (18 Months)	\$3,075,000	\$2,175,000	Water Pollution Control Facilities	0%	20	2 & 3
FP03074	9	Duvall, City of Wastewater Facilities Upgrade	WA002951-3 BOD 18.3 mg/l TSS 30 mg/l	3/1/02 - 2/28/03 (12 Months)	\$1,221,000	\$1,221,000	Water Pollution Control Facilities	0.5%	5	4
FP03065	10	King County Wastewater Treatment Division (WTD) Henderson/M.L. King CSO Project	WA002918-1 BOD 30 mg/l TSS 30 mg/l	7/1/02- 12/31/05 (30 Months)	\$57,548,363	\$57,548,363	Water Pollution Control Facilities	1.5%	20	

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003 Final Intended Use Plan
List of Projects Considered and Offered Funding**

Application Number	Rank	Applicant Name/Project Title	Permit Number & Effluent Limits	Time Frame	Funds Requested	Funds Offered	Category	Interest Rate	Term In Years	Footnotes
FP03029	11	Tacoma, City of Tacoma Central Treatment Plant Upgrade	WA 003708-7 BOD 30 mg/l TSS 30 mg/l	9/1/02 - 8/31/03 (12 Months)	\$5,000,000	\$5,000,000	Water Pollution Control Facilities	1.5%	20	
FP03069	12	Thurston County Tamoshan Wastewater Treatment Plant Replacement	WA003729-0 BOD 30 mg/l TSS 30 mg/l	3/1/03 - 9/30/03 (7 Months)	\$1,582,824	\$1,582,824	Water Pollution Control Facilities	0%	20	2
FP03012	13	Colfax, City of Influent Pump/Pretreatment/Telemetry Upgrade	WA0020601-3 BOD 30 mg/l TSS 30 mg/l	8/1/02 - 1/31/04 (18 Months)	\$725,000	\$725,000	Water Pollution Control Facilities	1.5%	20	
FP03117	14	Yelm, City of Reclaimed Water Distribution/Storage Facilities	WA004076-2 BOD 45 mg/l TSS 45 mg/l	11/1/02 - 4/30/04 (18 Months)	\$755,000	\$755,000	Water Pollution Control Facilities	1.5%	20	
FP03082	15	Cascade Irrigation District Mechanized Canal Vegetation Management Program	N/A	9/1/02 - 8/31/05 (36 Months)	\$200,000	\$200,000	Nonpoint	0.5%	5	
FP03064	16	King County Wastewater Treatment Division (WTD) Southwest Interceptor - Kent Section	WA002918-1 BOD 30 mg/l TSS 30 mg/l	10/1/02 - 9/30/04 (24 Months)	\$4,433,396	\$4,433,396	Water Pollution Control Facilities	1.5%	20	
FP03030	17	Olympia, City of Capitol Lake Stormwater Quality Improvement	N/A	9/1/02 - 8/31/03 (12 Months)	\$70,000	\$70,000	Nonpoint	0.5%	5	
FP03081	18	Kettle Falls, City of Kettle Falls Wastewater Facility Plan	ST 5297 BOD N/A TSS N/A	1/1/03 - 6/30/04 (18 Months)	\$90,000	\$90,000	Water Pollution Control Facilities	0.5%	5	
FP03088	19	Kelso, City of Illicit Discharge Detection Program	N/A	4/1/03 - 12/31/03 (9 Months)	\$86,000	\$86,000	Nonpoint	1.5%	20	
FP03067	20	King County Wastewater Treatment Division (WTD) Southwest Interceptor - Auburn Section	WA002918-1 BOD 30 mg/l TSS 30 mg/l	10/1/02 - 9/30/04 (24 Months)	\$3,495,729	\$3,495,729	Water Pollution Control Facilities	1.5%	20	

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003 Final Intended Use Plan
List of Projects Considered and Offered Funding**

Application Number	Rank	Applicant Name/Project Title	Permit Number & Effluent Limits	Time Frame	Funds Requested	Funds Offered	Category	Interest Rate	Term In Years	Footnotes
FP03062	21	Milton City of Surprise Lake Basin Restoration Plan	N/A	11/1/02 - 12/31/03 (14 Months)	\$92,515	\$92,515	Nonpoint	1.5%	20	
FP03114	22	Kennewick, City of Kennewick Comprehensive Stormwater Plan	N/A	3/1/03 - 8/31/04 (18 Months)	\$300,000	\$300,000	Nonpoint	5%	5	
FP03010	23	Granite Falls, City of Receiving Water and Effluent Study	WA002113-0 BOD 30 mg/l TSS 30 mg/l	7/1/02 - 12/31/03 (18 Months)	\$37,337	\$37,337	Water Pollution Control Facilities	1.5%	20	
FP03004	24	San Juan County Health & Community Services San Juan On-Site Failure Repair	N/A	9/1/02 - 8/31/04 (24 Months)	\$250,000	\$250,000	Nonpoint	0.5%	5	
FP03083	25	Consolidated Diking Improvement District No. 1 Regional Detention Pilot Project in Longview, WA	N/A	7/15/02 - 6/15/04 (24 Months)	\$304,500	\$304,500	Nonpoint	1.5%	20	
FP03099	26	Bremerton, City of Anderson Cove Inflow/Infiltration Study	WA002928-9 BOD 30 mg/l TSS 30 mg/l	12/1/02 - 8/31/03 (9 Months)	\$200,000	\$200,000	Water Pollution Control Facilities	1.5%	20	
FP03032	27	Soap Lake, City of Sewer Treatment System Improvements	ST 5282 BOD 30 mg/l TSS 30 mg/l	9/1/02 - 5/31/03 (9 Months)	\$1,500,000	\$1,500,000	Water Pollution Control Facilities	0%	20	2
FP03036	28	Winlock, City of Winlock Source Water Protection Plan	N/A	8/1/02 - 12/31/02 (4 Months)	\$60,000	\$60,000	Nonpoint	1.5%	20	
FP03034	29	Winlock, City of Cowlitz River Sub-Basin Enhancement Study	N/A	7/1/02 - 12/31/02 (6 Months)	\$187,500	\$187,500	Nonpoint	1.5%	20	
FP03080	30	Yakima County Public Works Yakima Urban Areas Stormwater Management Plan and Design Manual	N/A	11/1/02 - 10/31/05 (36 Months)	\$500,000	\$500,000	Nonpoint	1.5%	20	

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003 Final Intended Use Plan
List of Projects Considered and Offered Funding**

Application Number	Rank	Applicant Name/Project Title	Permit Number & Effluent Limits	Time Frame	Funds Requested	Funds Offered	Category	Interest Rate	Term In Years	Footnotes
FP03086	31	Lake Stevens, City of Erosion Control Kiosk	N/A	7/1/02 - 6/30/03 (12 Months)	\$39,720	\$39,720	Nonpoint	1.5%	19	
FP03035	32	Winlock, City of Winlock Wastewater Facility Planning	WA002119-9 BOD 30 mg/l TSS 30 mg/l	4/1/02 - 11/30/02 (8 Months)	\$125,000	\$125,000	Water Pollution Control Facilities	1.5%	20	
FP03071	33	Public Utility District No. 1 of Stevens County Loon Lake Wetlands/Watershed Protection	N/A	9/15/02 - 8/15/07 (60 Months)	\$200,000	\$200,000	Nonpoint	1.5%	20	
FP03017	34	Spokane County Conservation District Dairy Nutrient Management Assistance Program	N/A	4/1/03 - 2/28/05 (23 Months)	\$1,500,000	\$1,500,000	Nonpoint	1.5%	15	
FP03068	35	King County Wastewater Treatment Division (WTD) King County Wastewater Security Improvements	WA002918-1 BOD 30 mg/l TSS 30 mg/l	11/1/01 - 9/30/04 (35 Months)	\$1,550,000	\$1,550,000	Water Pollution Control Facilities	1.5%	20	

Totals: \$120,046,675 \$112,418,005

Footnotes:

1. Funds proposed are less than funds requested because the permit application fees included in the project budget are not SRF loan eligible.
2. The applicant requested that Ecology staff conduct a financial hardship analysis on the effect of the project on residential sewer user fees. A financial hardship analysis was prepared and Ecology has determined that financial hardship exists. The applicant is proposed for SRF financial assistance at 0 percent interest with a term of 20 years.
3. Funds proposed are less than funds requested because the applicant is also proposed to receive a Centennial Clean Water Fund hardship grant that is identified on the FY 2003 Centennial Clean Water Fund/ Clean Water Act Section 319 Nonpoint Source Fund/Washington State Water Pollution Control Revolving Fund Draft Offer and Application List.
4. The applicant requested that Ecology staff conduct a financial hardship analysis on the effect of the project on residential sewer user fees. A financial hardship analysis was not prepared because hardship assistance is reserved for water pollution control facilities construction projects per Chapter 173.98 WAC, "Uses and Limitations of the Water Pollution Control Revolving Fund".

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003 Final Intended Use Plan
List of Projects Considered and Offered Funding**

Application Number	% User Fee/MHI	Applicant Name/Project Title	Permit Number & Effluent Limits	Time Frame	Funds Requested	Funds Offered	Category	Interest Rate	Term In Years	Footnotes
FP03039	3.88%	Fisherman Bay Sewer District Refinance Existing Bond Debt	WA003058-9 BOD 30 mg/ TSS 75 mg/l	N/A	\$464,374	\$464,374	Water Pollution Control Facilities Refinancing	0%	20	1
FP03027	3.68%	Coulee City, Town of Coulee City Wastewater Loan Refinance	ST 8049 BOD N/A TSS N/A	N/A	\$1,361,112	\$1,361,112	Water Pollution Control Facilities Refinancing	0%	20	1
FP03001	3.61%	Public Utility District No. 1 of Stevens County Echo Estates Sewer Loan Refinancing	N/A On-Site Sewer System	N/A	\$96,900	\$96,900	Water Pollution Control Facilities Refinancing	0%	20	1
FP03118	2.91%	Yelm, City of Yelm Sewer Project Loan Refinance	WA004076-2 BOD 30 mg/ TSS 30 mg/l	N/A	\$1,668,745	\$1,668,745	Water Pollution Control Facilities Refinancing	1.5%	20	
FP03020	1.08%	Monroe, City of Eastside Interceptor	WA002048-6 BOD 30 mg/ TSS 30 mg/l	N/A	\$1,327,254	\$1,327,254	Water Pollution Control Facilities Refinancing	1.5%	20	
FP03005	1.00%	Tekoa, City of Wastewater Treatment Plant Improvements	WA-0023141 BOD 30 mg/ TSS 30 mg/l	N/A	\$150,404	\$150,404	Water Pollution Control Facilities Refinancing	1.5%	20	

Totals: \$5,068,789 \$5,068,789

Footnotes:

1. The applicant requested that Ecology staff conduct a financial hardship analysis on the effect of the project on residential sewer user fees. A financial hardship analysis was prepared and Ecology has determined that financial hardship exists. The applicant is proposed for SRF financial assistance at 0 percent interest with a term of 20 years.

Attachment 2

Project Summaries

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003
Project Summaries**

FP03001 - Public Utility District No. 1 of Stevens County: *Echo Estates Sewer Loan Refinancing.* Department of Health had issued a Departmental Order on the previous sewer system. The effluent was surfacing on the previous drainfield. The PUD replaced the previous sewer system for the unincorporated community of Echo Estates. This project consisted of abandoning existing septic tanks and replacing with 24-4" gravity service connections, including backwater valves; replaced gravity side sewer pipe, gravity interceptor collection pipe main; installed collection/dosing tanks and replaced the entire drainfield, which was totally saturated.

FP03004 - San Juan County Health & Community Services: *San Juan On-Site Failure Repair.* This project will continue to provide revolving loan funds to property owners in San Juan County for the repair of failing on-site septic systems. Eligible recipients will be identified through marketing and through education of on-site septic system contractors (designers, installers, pumpers, O&M). Nonpoint Source Plan: Table 9.1: Urban 30: Work toward the establishment of a dedicated local health on-site O&M Coordinator to integrate the activities of various groups and agencies in developing and implementing a model risk-based O&M program characterized by effective O&M data tracking, homeowner education programs and identified funding mechanism to support local programs.

FP03005 - Tekoa, City of: *Wastewater Treatment Plant Improvements.* This application is a standard refinance request for a loan from USDA - Rural Development. This loan was taken in March, 1991 to pay for improvements to the City's wastewater treatment plant. The remaining balance on the loan is \$150,403.83. The City requests this SRF loan to refinance the RD loan under better interest terms. A future upgrade to the treatment plant is expected to be necessary within the next five to seven years. Reduced payments on the 1991 improvements will better enable the City to accomplish the future improvements.

FP03010 - Granite Falls, City of: *Receiving Water and Effluent Study.* Granite Falls received a NPDES permit (2/10/02) requiring the City to complete a "Receiving Water and Effluent Study". This study will develop background data to assess current effluent limits from the wastewater plant. Data generated will be used to adjust effluent limits to protect salmonids and beneficial uses.

FP03012 - Colfax, City of: *Influent Pump/Pretreatment/Telemetry Upgrade.* Construct new influent pumping/pretreatment facilities and upgrade plant telemetry and controls to help prevent raw sewage bypasses to the Palouse River and backups in basements due to problems at the existing headworks/influent pumping facilities. This project also eliminates unsafe working conditions and upgrades controls on an emergency generator.

FP03017 - Spokane County Conservation District: *Dairy Nutrient Management Assistance Program.* Animal waste treatment: EPA and Ecology have identified dairies as significant contributors to ground water nutrient loading. Appendix A for WRIA 56 states that Nitrate-N exceed standards for groundwater quality, as well as fecal coliform in Hangman Creek. Spokane Conservation District specifically identifies ground water nutrient loading as a particular problem they will be addressing (page 5 and page 7 of the application). As a BMP, methane digesters are considered appropriate technology to aid dairy operators in reducing ground water

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003
Project Summaries**

pollution and greenhouse gas production. This project will result in the construction of methane digesters on six dairies in Spokane County. Implements Washington States Nonpoint Plan: Table 9.1 -- Agriculture 13: Use SRF low-interest loans to help agricultural commodity groups with development and installation of BMPs that reduce pollution and water use; Appendix A – addresses Nitrate-N exceedances for groundwater quality.

FP03020 - Monroe, City of: *Eastside Interceptor.* Installation of a 24-inch gravity sanitary sewer interceptor to serve the developing north-central area of the City, and relieving pressure on the existing 179th Avenue pump station.

FP03027 - Coulee City, Town of: *Coulee City Wastewater Loan Refinance.* Approximately 30 acres of non discharge evaporation lagoons were constructed in 1997 to treat the wastewater from the town of Coulee City. The original loan was financed through USDA Rural Development with an interest rate of 4.5 percent and a period of 40 years. The City is applying to refinance the loan with consideration for financial hardship.

FP03029 - Tacoma, City of: *Tacoma Central Treatment Plant Upgrade.* Design an upgrade to the Central Wastewater Treatment Plant to increase the capacity to a maximum monthly flow of 60 mgd, and a peak hydraulic capacity of 150 mgd. Improvement areas include: influent screening; influent pumping; grit removal; installing ballasted sedimentation; effluent pumping; chlorination; and solids handling.

FP02030 - Olympia, City of: *Capitol Lake Stormwater Quality Improvement.* Capitol Lake is identified in Appendix A as a 303(d) listed problem area for fecal coliform and total phosphorus and is scheduled for TMDL development in 2003. As part of the ongoing effort to restore Capitol Lake water quality, this project will identify stormwater discharges and potential sewer connections to Capitol Lake through an inspection of pipe networks and water quality sampling. The project will identify contamination sources and define solutions. Implements Washington States Nonpoint Plan: Appendix A – addresses fecal coliform and total phosphorus in Capitol Lake.

FP03032 - Soap Lake, City of: *Sewer Treatment System Improvements.* A Centennial and/or SRF loan is requested for construction of Soap Lake Treatment Plant improvements. Improvements will include: installation of an influent grinder; modifying existing oxidation ditch for nitrogen removal; addition of a clarifier; upgrading sludge handling facilities; replacing existing land application spray irrigation and drainfield with rapid infiltration basins.

FP03033 - Southwest Washington Health District: *Salmon Creek TMDL Implementation Project.* The Salmon Creek TMDL Implementation Project is designed to meet the bacteria TMDL that Ecology established in 2001 by identifying and controlling failing septic systems. Project implementation will assure that the Southwest Washington Health District (SWWHD) meets the provisions set forth in an 11/00 Memorandum of Agreement between Ecology and SWWHD.

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003
Project Summaries**

FP03034 - Winlock, City of: *Cowlitz River Sub-Basin Enhancement Study.* The scope of the project is to conduct a comprehensive water quality enhancement study for the Lower Cowlitz River sub-basin. The study will focus on Olequa Creek in the vicinity of the city of Winlock and collected data will be used to support forthcoming wastewater facilities planning efforts to be conducted by the City. The study will establish a water quality monitoring program, investigate pertinent water quality issues as they relate to the study area (including beneficial uses of municipal wastewater treatment plant discharge), and developing stream corridor best management practices. Implements Washington States Nonpoint Plan: Appendix A: Cowlitz River Sub-Basin Enhancement Study is a program to address high temperature and pesticides in the Cowlitz River.

FP03035 - Winlock, City of: *Winlock Wastewater Facility Planning.* The scope of the project is to prepare a combined General Sewer Plan and Wastewater Facilities Plan for the city of Winlock in Lewis County. The plan will address the community's current needs, projected future need resulting from normal population growth, and projected future need related to possible development of a theme park that may use the City's wastewater facilities.

FP03036 - Winlock, City of: *Winlock Source Water Protection Plan.* The scope of the project is to prepare a Source Water Protection Plan for the city of Winlock, Lewis County in accordance with WAC 246-290. The plan will develop a wellhead protection area incorporating all current and possible future City-owned wells within the area. Required elements of the plan will be incorporated into planning documents being prepared by proposed developers and into the Water System Master Plan currently under development by the city of Winlock. An aquifer impacts study will be conducted to support development of the Wellhead Protection Plan that will investigate the possible impacts of major development that is proposed and also evaluate suitability of conversion of existing private wells to municipal wells. Nonpoint Source Plan: Implements Washington States Nonpoint Plan. Appendix A: Resource Protection Program, Southwest Washington Health; addresses water quality exceedances for groundwater.

FP03039 - Fisherman Bay Sewer District: *Refinance Existing Bond Debt.* To refinance existing loan which was used to upgrade facilities and acquire land.

FP03046 - Mason County: *Belfair Water Reclamation Facility Design.* The proposed project is for design of the water reclamation facility and collection system identified in facilities plan. The Belfair/Lower Hood Canal Water Reclamation Facility will service the core area of the Belfair Urban Growth Area (UGA), located adjacent to Lynch Cove, the Belfair State Park, have an initial capacity of 156,000 gallons per day for the Belfair UGA, and utilize private forest land.

FP03062 - Milton, City of: *Surprise Lake Basin Restoration Plan.* The cities of Milton, Edgewood, and Fife are involved in an effort to identify water quality issues that may affect Surprise Lake. This project includes the development of the Surprise Lake Basin Restoration Plan, with the primary goal to develop a basin-wide monitoring program to identify potential pollutants within the lake. Nonpoint Source Plan: Appendix A: Fecal coliform in Hylebos Creek and implementing an action in Ecology approved 400-12 plan for the lower Puyallup Watershed.

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003
Project Summaries**

FP03064 - King County Wastewater Treatment Division (WTD): *Southwest Interceptor - Kent Section.* This project would limit flow in existing WTD sewers to their available capacity by diverting excess flow to the proposed Southwest Interceptor. The Southwest Interceptor would run alongside existing sewer lines and carry wastewater to the South Plant for treatment. The Southwest Interceptor would be constructed along West Valley Highway from the north boundary of Auburn to the South Interceptor currently under construction.

FP03065 - King County Wastewater Treatment Division (WTD): *Henderson/M.L. King CSO Project.* The Henderson Project will construct CSO storage, treatment, pumping, and conveyance improvements to control overflows into Lake Washington. The project will consist of the following elements: upgrade the capacity of the Henderson pumping station from eight to 19.5 mgd (Note: this portion of project is not included in SRF loan request); construct a 14'8" diameter, 3100 foot long tunnel from the M.L. King diversion structure to Norfolk Street, located under 42nd Avenue South, that will provide conveyance, storage, and primary treatment.

FP03066 - King County Wastewater Treatment Division (WTD): *Denny Way/Lake Union CSO Control Project/Elliott West Pipelines Contract.* The Denny Way/Lake Union CSO Control Project is a joint effort of the King County Wastewater Treatment Division (WTD) and the city of Seattle to control combined sewer overflows to Lake Union and Elliott Bay, including the Denny Way CSO, which is the largest CSO in the WTD system.

FP03067 - King County Wastewater Treatment Division (WTD): *Southwest Interceptor - Auburn Section.* This project would limit flow in existing WTD sewers to their available capacity by diverting excess flow to the proposed Southwest Interceptor. The Southwest Interceptor would run alongside existing sewer lines and carry wastewater to the South Plant for treatment. The Southwest Interceptor would be constructed along the West Valley Highway from the Pacific Pump Station force main north to the Auburn boundary.

FP03068 - King County Wastewater Treatment Division (WTD): *King County Wastewater Security Improvements.* Review and implement increased security measures at the WTD treatment plants and off-site facilities in response to the events that occurred on September 11, 2001. Provide a coordinated and comprehensive security system to guard against criminal or terrorist actions in response to the Federal Government's adopted policy of heightened level of security for the nation's water and wastewater systems. This project will provide needed fencing, security cameras, lighting, door alarms, and motion sensors, and will establish secured ingress and egress points for the various WTD facilities.

FP03069 - Thurston County: *Tamoshan Wastewater Treatment Plant Replacement.* The Tamoshan Wastewater Treatment Plant requires replacement to accommodate flows from the Tamoshan and Beverly Beach communities. Age and obsolescent treatment/disinfection processes at the two existing wastewater facilities threaten the water quality of Budd Inlet. Project includes decommissioning Beverly Beach plant and marine discharge, and transmission pipeline to nearby Tamoshan plant.

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003
Project Summaries**

FP03071 - Public Utility District No. 1 of Stevens County: *Loon Lake Wetlands/Watershed Protection.* Continued degradation of the drainage basin discharge areas threatens the future of Loon Lake and its community's water supply. These areas are the primary sources of recharge for the lake and one is in close proximity to community wells. The proposed project will purchase and restore to a native state ten acres surrounding PUD's community well site. Implements Washington States Nonpoint Plan: Table 9.1—Loss of Aquatic Ecosystems (LAE7), Implements the Statewide Wetlands Integration Strategy (SWIS) and the Puget Sound Wetland Restoration Program. Specifically, the elements of SWIS that will be implemented are: Recommendation #33 – When interest is expressed by local governments, state and federal agency staff shall provide assistance in the form of technical, financial, and staff expertise; and Recommendation #38 – Local governments should identify their non-regulatory goals in comprehensive management plans and maintain an up-to-date list of identified projects for immediate action when funds become available.

FP03074 - Duvall, City of: *Wastewater Facilities Upgrade.* The city of Duvall requires upgrading their wastewater treatment plant. Improvements to the facility will include the implementation of an advanced treatment technology, which is designed to meet existing NPDES permit limits and anticipated future wastewater reuse standards. This project improves water quality and allows for accommodation of the 20-year projected growth in the service area, ultimately to increase capacity to a peak-day flow of 3.3 mgd

FP03075 - Centralia, City of: *Pump Station and Conveyance Pipelines.* This project is construction of the pump station and conveyance pipelines to transport wastewater from the existing wastewater treatment plant site in southwest Centralia to the new wastewater treatment plant located northwest of the City. The project is the final element needed to complete the wastewater treatment plant.

FP03080 - Yakima County Public Works: *Yakima Urban Areas Stormwater Management Plan and Design Manual.* The project updates the Regional Stormwater Management Plan, Design Manual, and defines a regional, watershed-based stormwater management program. The plan and manual will be used to comply with State/Federal laws governing stormwater management. The participants in the update include Yakima County and the cities of Yakima and Union Gap. These parties are required to seek permit coverage in March of 2003 for operation and maintenance of their stormwater facilities.

FP03081 - Kettle Falls, City of: *Kettle Falls Wastewater Facility Plan.* Development of a wastewater facility plan to identify and prioritize cost-effective alternatives for increasing capacity and mitigating ground water contamination. Plan is required January, 2005, by state waste discharge permit for the city of Kettle Falls system, which discharges wastewater to evaporation/infiltration lagoons and applies wastewater to land via spray irrigation.

FP03082 - Cascade Irrigation District: *Mechanized Canal Vegetation Management Program.* Irrigation districts use thousands of gallons of herbicides annually to remove aquatic growth from their canals. The removal of aquatic growth is absolutely necessary for the operation of most irrigation canals. Although herbicides are designed to break down and to have a minimal

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003
Project Summaries**

effect on water quality, they are not completely without a negative effective. This is a pilot project to develop a mechanized vegetation management program to be used in small to mid-size irrigation canals. Primary goal of project is to reduce the use of aquatic herbicides in irrigation canals. This involves the fabrication and development of cutters, powered screens, operational guides, water quality testing and improvement. Ecology supports this pilot as an innovative approach to irrigation best management practice. Implements Washington States Nonpoint Plan. Table 9.1 -- Agriculture 13: Use SRF low-interest loans to help agricultural commodity groups with development and installation of Best Management Practices that reduce pollution and water use.

FP03083 - Consolidated Diking Improvement District No. 1: *Regional Detention Pilot Project in Longview, WA.* This is a feasibility study that will evaluate the potential for regional treatment in the Longview area through: determining the best design modifications for a proposed 55-acre stormwater detention pond to provide stormwater treatment for regional benefits; construct phase one of the proposed regional detention pond as a pilot facility, including treatment modifications; monitoring the treatment results, analyze the facility's removal performance, and assess the feasibility of regional treatment. Implements Washington States Nonpoint Plan: Appendix A: This feasibility study will address the following 303(d) listed problem areas: fecal coliform, metals, dissolved oxygen, and turbidity.

FP03086 - Lake Stevens, City of: *Erosion Control Kiosk.* The Kiosk will include an information/storage shed containing erosion control supplies to distribute to the public, as well as informational displays. The displays will educate people about reasons for erosion control measures, and current City policy on erosion control, and will offer examples of typical erosion control devices and how they are properly used. Nonpoint Source Plan: Appendix A: Lake Stevens Watershed Management Plan and Snohomish County Stormwater Management Plan

FP03088 - Kelso, City of: *Illicit Discharge Detection Program.* This project creates a testing program of the municipal storm sewer system for illicit discharges, develops the procedures for finding the source, and facilitates the removal of the illicit connection. This project will include purchasing required test equipment, developing a plan for testing points, and conducting the first round of testing. Implements Washington States Nonpoint Plan. Table 9.1 -- Urban 5: Research stormwater technology design, cost benefit and know-how to effectively address stormwater problems.

FP03089 - Benton City, City of: *Wastewater Treatment Plant Construction.* The existing Benton City wastewater treatment facilities do not adequately protect water quality in the Yakima River. The City has planned for and designed improvements that will address existing and future water quality concerns. The construction project will upgrade the existing lagoon system to secondary treatment with UV disinfection.

FP03099 - Bremerton, City of: *Anderson Cove Inflow/Infiltration Study.* The project measures the wet-weather hydraulic performance of the Anderson Cove sewer system by establishing the rainfall to inflow and infiltration (I/I) relationship. Analyses will calculate rain-dependent I/I and

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003
Project Summaries**

will isolate areas that are high contributors of I/I for capital improvement consideration. Reduction of I/I reduces the potential for CSOs to occur.

FP03100 - Bremerton, City of: *Pacific Avenue CSO Reduction – Separation.* This project separates the catch basins and detention systems connected to the combined sewer in the Pacific Avenue Basin to capture flows that would otherwise overflow. The separation will reduce CSO events as required by State regulations, court orders, and for the improvement of Puget Sound water quality.

FP03101 - Bremerton, City of: *Pacific Avenue CSO Reduction – Storage.* This project constructs a 550,000-gallon storage reservoir for the Pacific Avenue Basin to capture CSO flows in Bremerton that would otherwise overflow. The CSO storage facility will reduce CSO events as required by State regulations, court orders, and for the improvement of Puget Sound water quality.

FP03114 - Kennewick, City of: *Kennewick Comprehensive Stormwater Plan.* This plan will provide a comprehensive stormwater plan for Kennewick and adjoining growth areas that will be a model for the Eastern Washington Stormwater Program. The plan will play a crucial role in assessing treatment and mitigation of existing stormwater discharges through various drainage basins leading to the Columbia or Yakima Rivers.

FP03115 - Stanwood, City of: *Wastewater Treatment Plant Upgrade & Expansion.* The proposed project consists of the construction of a new 1.5 million gallon-per-day activated sludge wastewater treatment facility, including solids stabilization in two existing 1.25 acre aerated lagoons and reuse of the existing 35 acre lagoon for stormwater detention and emergency storage and treatment of wastewater.

FP03117 - Yelm, City of: *Reclaimed Water Distribution/Storage Facilities.* The city of Yelm needs financial assistance to design and construct a reclaimed water distribution line and storage tank. The need for both facilities has been identified in the City's Ecology-approved facilities plan. The projects will increase beneficial use of reclaimed water upland and reduce use of potable water.

FP03118 - Yelm, City of: *Yelm Sewer Project Loan Refinance.* Yelm requests a \$1,668,745 SRF loan to refinance the balance remaining on its 1994 Revenue Bond with U.S. Rural Development, saving \$1,228,450 over the life of the loan. Completed in 1993, the project consisted of a septic tank effluent pump collection system and an aerated lagoon treatment facility.

Attachment 3

Proposed Schedule of Payments From EPA to the State of Washington

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003 Draft Intended Use Plan
Proposed Schedule of Payments from EPA to the State of Washington**

Federal Quarter	Requested FFY 2002 Title VI Grant Payments
10/1/01	\$0
1/1/02	\$7,727,940
4/1/02	\$7,727,940
7/1/02	\$7,727,940
TOTAL	\$23,183,820

Attachment 4

Estimated Schedule of Binding Commitments

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003 Final Intended Use Plan
Estimated Schedule of Binding Commitments**

Application Number	Applicant Name/Project Title	Date	Funds Proposed
FP03115	Stanwood, City of Wastewater Treatment Plant Upgrade & Expansion	12/1/02	\$4,331,167
FP03066	King County Wastewater Treatment Division (WTD) Denny Way/Lake Union CSO Control Project/Elliott West Pipelines Contract	12/1/02	\$12,549,757
FP03065	King County Wastewater Treatment Division (WTD) Henderson/M.L. King CSO Project	12/1/02	\$57,548,363
FP03067	King County Wastewater Treatment Division (WTD) Southwest Interceptor - Auburn Section	12/1/02	\$3,495,729
FP03035	Winlock, City of Winlock Wastewater Facility Planning	12/1/02	\$125,000
FP03068	King County Wastewater Treatment Division (WTD) King County Wastewater Security Improvements	12/1/02	\$1,550,000
FP03074	Duvall, City of Wastewater Facilities Upgrade	1/1/03	\$1,221,000
FP03081	Kettle Falls, City of Kettle Falls Wastewater Facility Plan	1/1/03	\$90,000
FP03083	Consolidated Diking Improvement District No. 1 Regional Detention Pilot Project in Longview, WA	1/1/03	\$304,500
FP03086	Lake Stevens, City of Erosion Control Kiosk	1/1/03	\$39,720
FP03039	Fisherman Bay Sewer District Refinance Existing Bond Debt	1/1/03	\$464,374
FP03027	Coulee City, Town of Coulee City Wastewater Loan Refinance	1/1/03	\$1,361,112
FP03001	Public Utility District No. 1 of Stevens County Echo Estates Sewer Loan Refinancing	1/1/03	\$96,900
FP03118	Yelm, City of Yelm Sewer Project Loan Refinance	1/1/03	\$1,668,745

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003 Final Intended Use Plan
Estimated Schedule of Binding Commitments**

Application Number	Applicant Name/Project Title	Date	Funds Proposed
FP03020	Monroe, City of Eastside Interceptor	1/1/03	\$1,327,254
FP03005	Tekoa, City of Wastewater Treatment Plant Improvements	1/1/03	\$150,404
FP03012	Colfax, City of Influent Pump/Pretreatment/Telemetry Upgrade	2/1/03	\$725,000
FP03010	Granite Falls, City of Receiving Water and Effluent Study	2/1/03	\$37,337
FP03036	Winlock, City of Winlock Source Water Protection Plan	2/1/03	\$60,000
FP03075	Centralia, City of Pump Station and Conveyance Pipelines	3/1/03	\$4,100,000
FP03069	Thurston County Tamoshan Wastewater Treatment Plant Replacement	3/1/03	\$1,430,800
FP03082	Cascade Irrigation District Mechanized Canal Vegetation Management Program	3/1/03	\$200,000
FP03030	Olympia, City of Capitol Lake Stormwater Quality Improvement	3/1/03	\$70,000
FP03114	Kennewick, City of Kennewick Comprehensive Stormwater Plan	3/1/03	\$300,000
FP03004	San Juan County Health & Community Services San Juan On-Site Failure Repair	3/1/03	\$250,000
FP03032	Soap Lake, City of Sewer Treatment System Improvements	3/1/03	\$1,500,000
FP03034	Winlock, City of Cowlitz River Sub-Basin Enhancement Study	3/1/03	\$187,500
FP03071	Public Utility District No. 1 of Stevens County Loon Lake Wetlands/Watershed Protection	3/1/03	\$200,000
FP03046	Mason County Belfair Water Reclamation Facility Design	4/1/03	\$1,321,292
FP03089	Benton City, City of Wastewater Treatment Plant Construction	4/1/03	\$3,075,000
FP03064	King County Wastewater Treatment Division (WTD) Southwest Interceptor - Kent Section	4/1/03	\$4,433,396

**Washington State Water Pollution Control Revolving Fund
State Fiscal Year 2003 Final Intended Use Plan
Estimated Schedule of Binding Commitments**

Application Number	Applicant Name/Project Title	Date	Funds Proposed
FP03088	Kelso, City of Illicit Discharge Detection Program	4/1/03	\$86,000
FP03062	Milton, City of Surprise Lake Basin Restoration Plan	4/1/03	\$92,515
FP03017	Spokane County Conservation District Dairy Nutrient Management Assistance Program	4/1/03	\$1,500,000
FP03100	Bremerton, City of Pacific Avenue CSO Reduction - Separation	5/1/03	\$250,000
FP03117	Yelm, City of Reclaimed Water Distribution/Storage Facilities	5/1/03	\$755,000
FP03080	Yakima County Public Works Yakima Urban Areas Stormwater Management Plan and Design Manual	5/1/03	\$500,000
FP03029	Tacoma, City of Tacoma Central Treatment Plant Upgrade	6/1/03	\$5,000,000
FP03099	Bremerton, City of Anderson Cove Inflow/Infiltration Study	6/1/03	\$200,000
FP03033	Southwest Washington Health District Salmon Creek TMDL Implementation Project	7/1/03	\$100,000
FP03101	Bremerton, City of Pacific Avenue CSO Reduction - Storage	7/1/03	\$1,000,000