




WASHINGTON STATE  
DEPARTMENT OF  
E C O L O G Y

**Washington State  
Water Pollution Control Revolving Fund**

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**Draft Intended Use Plan  
FY 2002**

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## I. Funds Available for Projects

This Draft 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 2002 (FY 2002). Total funds available for this year's IUP will be \$80,481,691. This total is based on receiving the federal fiscal year (FFY) 2001 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, 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 \$79,556,401 will be available as loans for water pollution control projects.

The following table illustrates SRF funds available for FY 2002.

Federal Fiscal Year 2001 Title VI Grant	\$23,132,241
State Match (20%) to Federal Fiscal Year 2001 Federal Title VI Grant	\$4,626,448
Principal and Interest Repayments from Previous Funding Cycle Recipients	<u>\$52,723,002</u>
Total SRF Funds	\$80,481,691
Less (4%) of Federal Fiscal Year 2001 Title VI Grant for SRF Administration	(\$925,290)
SRF Funds Available for Projects	\$79,556,401

Total demand for SRF funds this funding cycle exceeds the amount available. The SRF program received 68 funding requests for over \$174 million. The state of Washington is proposing to offer approximately \$79.5 million in low-interest loans to 39 local governments for 47 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 28 water pollution control facility projects.
  5. Provide low-interest loans to local governments for 12 nonpoint source pollution control projects
  6. Provide seven 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 2003 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, 2000), and the Operating Agreement (dated September 11, 1989.) In summary, SRF moneys can be used to support projects in three funding categories: water pollution control facilities, 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 State 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 2002 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, the fiscal health of small towns struggling to fund projects, and lower interest rates helped market the program.

For FY 2002, the following terms are offered to applicants:

<b>Repayment Period</b>	<b>Interest Rate</b>
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 0 percent.

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

<b>Application Number</b>	<b>Applicant Name/Project Title</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Funds Proposed</b>
FP02102	<b>Mason County</b> North Bay - Case Inlet Water Reclamation Facility	0%	20	\$1,111,461
FP02075	<b>Pe Ell Town of</b> Wastewater Treatment Plant Construction	0%	20	\$1,018,000
FP02039	<b>Klickitat County</b> Dallesport Wastewater Facilities Project	0%	20	\$1,149,000
FP02036	<b>Shelton City of</b> Shelton WWTP Digester Expansion Project	0%	20	\$960,190
FP02014	<b>South Bend City of</b> Inflow and Infiltration Abatement Project	0%	20	\$1,000,000

<b>Application Number</b>	<b>Applicant Name/Project Title</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Funds Proposed</b>
FP02113	<b>Fairfield Town of</b> Wastewater Treatment Facility Improvements	0%	20	\$818,789
FP02021	<b>Klickitat County PUD</b> Wishram Wastewater Treatment Plant Improvements	0%	20	\$138,000
FP02106	<b>PUD No. 1 of Stevens County</b> Clayton Sewer System Loan Refinancing	0%	20	\$814,874

#### **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:

<b>Application Number</b>	<b>Applicant Name/Project Title</b>
FP02102	<b>Mason County</b> North Bay - Case Inlet Water Reclamation Facility
FP02075	<b>Pe Ell Town of</b> Wastewater Treatment Plant Construction
FP02039	<b>Klickitat County</b> Dallesport Wastewater Facilities Project
FP02035	<b>Bremerton City of</b> Trenton Avenue Pump Station Improvements
FP02031	<b>Bremerton City of</b> Cherry/Trenton CSO Reduction Improvements
FP02032	<b>Bremerton City of</b> Anderson Cove - Basin 12



<b>Application Number</b>	<b>Applicant Name/Project Title</b>
FP02034	<b>Bremerton City of</b> Tracyton Beach CSO Reduction Improvements
FP02085	<b>PUD No. 1 of Skagit County</b> Similk Beach Sewer Improvement Project
FP02076	<b>Okanogan City of</b> Okanogan Wastewater Facility Plan
FP02036	<b>Shelton City of</b> Shelton WWTP Digester Expansion Project
FP02098	<b>Uniontown Town of</b> Wastewater Facilities Plan Amendment
FP02016	<b>Granger Town of</b> Wastewater Treatment Facility Improvements
FP02014	<b>South Bend City of</b> Inflow and Infiltration Abatement Project
FP02077	<b>Okanogan City of</b> Wastewater Treatment Improvements Design and Construction
FP02001	<b>Monroe City of</b> Wastewater Treatment Plant - Phase 2
FP02074	<b>Toledo City of</b> Sewer System Improvements
FP02095	<b>North Bend City of</b> North Bend Sewer Infiltration and Inflow Improvements (Phase 2)
FP02113	<b>Fairfield Town of</b> Wastewater Treatment Facility Improvements
FP02068	<b>Davenport City of</b> Wastewater Facility Rehabilitation Project
FP02103	<b>Port Townsend City of</b> Wastewater Conveyance System Improvements Project
FP02097	<b>Moses Lake City of</b> Larson Sewage Treatment Plant Upgrade
FP02021	<b>Klickitat County PUD</b> Wishram Wastewater Treatment Plant Improvements
FP02017	<b>Conconully Town of</b> Wastewater Facility Plan
FP02059	<b>Brewster City of</b> Wastewater Treatment Plant Upgrade
FP02084	<b>Spokane City of</b> Cowley Creek Diversion
FP02063	<b>Walla Walla County Water District No. 2</b> Touchet Sewer Facility Plan

<b>Application Number</b>	<b>Applicant Name/Project Title</b>
FP02083	<b>Spokane City of</b> Cochran Basin I/I Facility Plan
FP02019	<b>Reardan Town of</b> Reardan Wastewater Facility's Design
FP02106	<b>PUD No. 1 of Stevens County</b> Clayton Sewer System Loan Refinancing
FP02082	<b>Spokane City of</b> Refinance Existing Sewer Bond Debt
FP02101	<b>Toppenish City of</b> Wastewater System Improvements (Refinance)
FP02006	<b>King County - Dept. of Natural Resources</b> Denny Way/Lake Union CSO Project - Final Design & Program Consultant - Refinance
FP02002	<b>Garfield Town of</b> RD to SRF Loan Transfer
FP01153-02	<b>Bremerton City of</b> Anderson Cove CSO Reduction Facilities
FP01079-02	<b>Spokane County</b> Refinancing of OSS Elimination Projects

## **VI. Criteria and Method for Distribution of Funds**

The following approach was used to develop the proposed distribution of \$79.5 million to local governments from the SRF:

### **A. Applications for Funding**

Information about the SRF program, workshops and the application period for SRF assistance were distributed to local governments and interested persons statewide. During January 2001 four public workshops were held statewide in Mr. Vernon, Ellensburg, Spokane, and Tacoma. 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, 2001, through March 2, 2001. 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 2 of the Water Quality Financial Assistance Programs 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 2002 funding cycle. The process incorporates changes from previous funding cycles suggested by Ecology's external group the Water Quality Financial Assistance Advisory 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 2002 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, 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 refinance projects. 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.

### **C. Second Request for Applications for Funding**

After the application period closed Ecology staff conducted eligibility determinations on all projects submitted for SRF funding. After conducting eligibility determinations eight projects were deemed ineligible to compete or be considered for funding due to not meeting project prerequisites. The removal of the projects resulted in a lower than expected demand for funds than funds available. The request for funds at that time was \$70.3 and \$79.5 million was available.

In order to help ensure a continuing positive impact on the water quality of the state, Ecology determined the proper course of action for the remaining funds was to make them available to local governments who did not receive all or any funding from the SRF FY 2001 funding cycle.

Ecology contacted, via mail on May 16, 2001, 38 local governments that were not identified for all or any funding on the SRF FY 2001 Final IUP. Ecology's letter identified that due to a lower than expected demand for FY 2002 funding and the robust amount of funds available that funding may be available for their projects. Local governments were asked to return an application form by July 8, 2001. Twenty-three local governments responded to Ecology's request. Those that did not respond were not considered for funding.

The funding priority for FY 2002 funds will be:

- New FY 2002 applications for new projects, in priority order as evaluated by Ecology staff
- New FY 2002 applications for refinance of existing projects, in priority order as determined by financial analysis conducted by Ecology staff
- Unfunded FY 2001 applications, in priority order as evaluated by Ecology staff and published in the FY 2001 Final Intended Use Plan

## **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 or until the issuance of the next year's Final IUP. 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 Draft IUP contains a list of all local governments with projects considered for funding and those that are proposed to receive 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 proposed for funding is 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**

The FY 2002 Draft IUP will be mailed to applicants on July 23, 2001. Notification of the availability of the Draft IUP will also be mailed to interested parties on July 23, 2001. There will be a 30-day public review and comment period for this Draft IUP, beginning on July 23, 2001, and ending on August 22, 2001. Any substantive comments received during this period will be considered and, if needed, a responsiveness summary will be prepared before this Draft IUP is finalized and submitted to EPA. Public meetings will be held statewide to discuss the preparation of the Draft IUP. The public meetings will be held at the following locations:

Location:	Pierce County Library, Administrative Service Center 3005 112 <sup>th</sup> Street East Rooms A, B & C Tacoma, Washington	Location:	Spokane Public Library, Downtown Branch 906 West Maine Avenue (Lincoln Street & Main Avenue) Spokane, Washington
Date	Tuesday, July 31, 2001	Date:	Wednesday, August 1, 2001
Time:	9 a.m.	Time:	10 a.m.

## **Attachment 1**

### **List Of Projects Considered And Proposed For Funding**

**Washington State Water Pollution Control Revolving Fund  
State Fiscal Year 2002 Draft Intended Use Plan  
List of Projects Considered and Proposed for Funding**

<b>Application Number</b>	<b>Rank</b>	<b>Applicant Name/Project Title</b>	<b>Permit Number &amp; Effluent Limits</b>	<b>Time Frame</b>	<b>Funds Requested</b>	<b>Funds Proposed</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Footnotes</b>
FP02102	1	<b>Mason County</b> North Bay - Case Inlet Water Reclamation Facility	N/A	5/1/01 - 12/1/02 (20 Months)	\$1,311,661	\$1,111,461	Water Pollution Control Facilities	0%	20	1, 2, & 3
FP02075	2	<b>Pe Ell Town of</b> Wastewater Treatment Plant Construction	WA002019-2 BOD 30 mg/l TSS 30 mg/l	9/1/2001 - 3/1/2003 (18 Months)	\$3,174,000	\$1,018,000	Water Pollution Control Facilities	0%	20	1 & 2
FP02039	8	<b>Klickitat County</b> Dallesport Wastewater Facilities Project	N/A	9/1/01 - 12/1/02 (15 Months)	\$2,873,000	\$1,149,000	Water Pollution Control Facilities	0%	20	1 & 2
FP02035	9	<b>Bremerton City of</b> Trenton Avenue Pump Station Improvements	WA0029289-D BOD 30 mg/l TSS 30 mg/l	12/17/01 - 12/31/02 (12 months)	\$1,000,000	\$1,000,000	Water Pollution Control Facilities	1.5%	20	4
FP02031	12	<b>Bremerton City of</b> Cherry/Trenton CSO Reduction Improvements	WA0029289-D BOD 30 mg/l TSS 30 mg/l	12/17/01 - 12/31/02 (12 months)	\$1,000,000	\$1,000,000	Water Pollution Control Facilities	1.5%	20	4
FP02032	13	<b>Bremerton City of</b> Anderson Cove - Basin 12	WA0029289-D BOD 30 mg/l TSS 30 mg/l	12/17/01 - 12/31/02 (12 months)	\$650,000	\$650,000	Water Pollution Control Facilities	1.5%	20	4
FP02034	15	<b>Bremerton City of</b> Tracyton Beach CSO Reduction Improvements	WA0029289-D BOD 30 mg/l TSS 30 mg/l	12/17/01 - 12/31/02 (12 months)	\$693,000	\$693,000	Water Pollution Control Facilities	1.5%	20	4
FP02085	16	<b>PUD No. 1 of Skagit County</b> Similk Beach Sewer Improvement Project	N/A	3/1/00 - 3/1/02 (24 Months)	\$50,000	\$50,000	Water Pollution Control Facilities	1.5%	20	
FP02076	18	<b>Okanogan City of</b> Okanogan Wastewater Facility Plan	WA002236-5 BOD 30 mg/l TSS 30 mg/l	11/1/01 - 11/1/02 (12 Months)	\$110,000	\$110,000	Water Pollution Control Facilities	1.5%	20	
FP02036	23	<b>Shelton City of</b> Shelton WWTP Digester Expansion Project	WA002334-5 BOD 30 mg/l TSS 30 mg/l	10/1/01 - 3/1/03 (17 Months)	\$960,190	\$960,190	Water Pollution Control Facilities	0%	20	1



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<b>Application Number</b>	<b>Rank</b>	<b>Applicant Name/Project Title</b>	<b>Permit Number &amp; Effluent Limits</b>	<b>Time Frame</b>	<b>Funds Requested</b>	<b>Funds Proposed</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Footnotes</b>
FP02098	28	<b>Uniontown Town of</b> Wastewater Facilities Plan Amendment	ST5371 BOD N/A TSS N/A	8/1/01 - 8/1/02 (12 Months)	\$50,000	\$50,000	Water Pollution Control Facilities	1.5%	20	
FP02016	29	<b>Granger Town of</b> Wastewater Treatment Facility Improvements	WA002269-1 BOD 30 mg/l TSS 30 mg/l	5/1/01 - 7/1/02 (18 Months)	\$549,000	\$549,000	Water Pollution Control Facilities	1.5%	20	
FP02014	32	<b>South Bend City of</b> Inflow and Infiltration Abatement Project	WA003759-0 BOD 30 mg/l TSS 75 mg/l	1/1/02 - 1/1/06 (48 Months)	\$1,000,000	\$1,000,000	Water Pollution Control Facilities	0%	20	1
FP02089	37	<b>Island County Health Department</b> On-Site Repair Financial Assistance Program	N/A	9/1/02 - 8/31/04 (24 Months)	\$300,000	\$300,000	Nonpoint	0.5%	5	
FP02077	38	<b>Okanogan City of</b> Wastewater Treatment Improvements Design and Construction	WA002236-5 BOD 30 mg/l TSS 30 mg/	4/1/01 - 4/1/01 (16 Months)	\$82,000	\$82,000	Water Pollution Control Facilities	1.5%	20	
FP02015	40	<b>Thurston County Environmental Health Division</b> On-Site Financial Assistance Program	N/A	1/1/02 - 12/31/04 (24 Months)	\$150,000	\$150,000	Nonpoint	1.5%	20	
FP02088	41	<b>Franklin Conservation District</b> Irrigated Agriculture Loan Program	N/A	11/15/01 - 11/15/03 (24 Months)	\$750,000	\$750,000	Nonpoint	0.5%	5	
FP02001	42	<b>Monroe City of</b> Wastewater Treatment Plant - Phase 2	WA002048-6 BOD 30 mg/l TSS 30 mg/	3/1/01 - 8/1/02 (17 Months)	\$7,425,125	\$7,425,125	Water Pollution Control Facilities	1.5%	20	
FP02074	51	<b>Toledo City of</b> Sewer System Improvements	WA003698-6 BOD 45 mg/l TSS 75 mg/	7/1/01 - 12/31/02 (18 Months)	\$753,600	\$753,600	Water Pollution Control Facilities	1.5%	20	
FP02030	52	<b>Yakima County</b> Removal of Wrecking Yards from Flood Plains	N/A	10/1/01 - 10/1/04 (36 Months)	\$360,350	\$154,400	Nonpoint	0.5%	5	2

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FP02095	54	<b>North Bend City of</b> North Bend Sewer Infiltration and Inflow Improvements (Phase 2)	WA002935-1 BOD 25 mg/l TSS 30 mg/	10/1/01 - 10/1/02 (12 Months)	\$894,500	\$894,500	Water Pollution Control Facilities	1.5%	20	
FP02113	57	<b>Fairfield Town of</b> Wastewater Treatment Facility Improvements	WA004548-9 BOD 15 mg/l TSS 15 mg/	4/1/01 - 3/31/03 (24 Months)	\$1,153,789	\$818,789	Water Pollution Control Facilities	0%	20	1 & 2
FP02068	61	<b>Davenport City of</b> Wastewater Facility Rehabilitation Project	ST8027 BOD 11.6 mg/l TSS 15.8 mg/	9/1/01 - 8/1/02 (11 Months)	\$1,000,000	\$1,000,000	Water Pollution Control Facilities	1.5%	20	
FP02103	62	<b>Port Townsend City of</b> Wastewater Conveyance System Improvements Project	WA003705-2 BOD 30 mg/l TSS 30 mg/	9/1/01 - 3/1/03 (18 Months)	\$1,000,000	\$1,000,000	Water Pollution Control Facilities	1.5%	20	4
FP02108	64	<b>Island County Public Works Department</b> Water Quality Outfall Monitoring	N/A	1/1/02 - 12/31/03 (12 Months)	\$286,000	\$286,000	Nonpoint	1.5%	20	
FP02097	70	<b>Moses Lake City of</b> Larson Sewage Treatment Plant Upgrade	ST8024 BOD N/A TSS N/A/	6/1/01 - 2/1/02 (8 Months)	\$215,000	\$215,000	Water Pollution Control Facilities	0.5%	5	
FP02033	71	<b>Bremerton City of</b> Low Interest Loan Program	N/A	10/1/01 - 10/31/07 (60 Months)	\$250,000	\$250,000	Nonpoint	1.5%	20	5
FP02021	73	<b>Klickitat County PUD</b> Wishram Wastewater Treatment Plant Improvements	WA005129-2 BOD 45 mg/l TSS 75 mg/	2/1/02 - 7/1/02 (6 Months)	\$345,000	\$138,000	Water Pollution Control Facilities	0%	20	1 & 2
FP02027	78	<b>Almira Town of</b> Almira WWTF Hydrogeologic Characterization Study	N/A	9/1/01 - 3/31/04 (36 Months)	\$54,000	\$13,500	Nonpoint	0.5%	5	2 & 5
FP02046	82	<b>East Columbia Basin Irrigation District</b> ECBID Rill to Sprinkler Conversion Program	N/A	9/21/01 - 3/1/06 (55 Months)	\$10,000,000	\$10,000,000	Nonpoint	0.5%	5	

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<b>Application Number</b>	<b>Rank</b>	<b>Applicant Name/Project Title</b>	<b>Permit Number &amp; Effluent Limits</b>	<b>Time Frame</b>	<b>Funds Requested</b>	<b>Funds Proposed</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Footnotes</b>
FP02017	84	<b>Conconully Town of</b> Wastewater Facility Plan	ST5528 BOD N/A TSS N/A/	2/1/02 - 2/2/02 (12 Months)	\$56,600	\$56,600	Water Pollution Control Facilities	1.5%	20	
FP02059	85	<b>Brewster City of</b> Wastewater Treatment Plant Upgrade	WA002100-8 BOD 30 mg/l TSS 30 mg/	6/1/01 - 6/30/03 (30 Months)	\$360,237	\$360,237	Water Pollution Control Facilities	1.5%	20	
FP02084	88	<b>Spokane City of</b> Cowley Creek Diversion	WA002447-3 BOD 30 mg/l TSS 30 mg/l	1/1/02 - 1/1/04 (24 Months)	\$460,000	\$460,000	Water Pollution Control Facilities	1.5%	20	
FP02012	91	<b>Spokane County Conservation District</b> Direct Seeding Assistance Program	N/A	7/1/01 - 5/1/03 (23 Months)	\$4,000,000	\$4,000,000	Nonpoint	1.5%	15	
FP02066	95	<b>Napavine City of</b> Napavine Comprehensive Stormwater Management Plan	N/A	10/1/01 - 4/1/03 (18 Months)	\$40,000	\$40,000	Nonpoint	1.5%	20	
FP02063	102	<b>Walla Walla County Water District No. 2</b> Touchet Sewer Facility Plan	N/A	1/1/02 - 8/1/03 (20 Months)	\$129,600	\$129,600	Water Pollution Control Facilities	1.5%	20	
FP02083	103	<b>Spokane City of</b> Cochran Basin I/I Facility Plan	WA002447-3 BOD 30 mg/l TSS 30 mg/l	1/1/02 - 6/1/05 (42 Months)	\$790,000	\$790,000	Water Pollution Control Facilities	1.5%	20	
FP02104	106	<b>Port Ludlow Drainage District</b> Stormwater Comprehensive Management Plan	N/A	9/1/01 - 2/1/03 (18 Months)	\$80,000	\$80,000	Nonpoint	0.5%	5	
FP02019	109	<b>Reardan Town of</b> Reardan Wastewater Facility's Design	WA004530-6 BOD 30 mg/l TSS 30 mg/l	10/31/01 - 5/31/02 (8 Months)	\$130,000	\$130,000	Water Pollution Control Facilities	1.5%	20	
FP02114	110	<b>Ferndale City of</b> Comprehensive Stormwater Plan	N/A	9/1/01 - 9/1/03 (24 Months)	\$189,000	\$189,000	Nonpoint	0.5%	5	

Totals:   \$44,675,652   \$39,807,002

**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.
2. The applicant is also proposed to receive a Centennial Clean Water Fund grant that is identified on the FY 2002 Centennial Clean Water Fund/ Clean Water Act Section 319 Nonpoint Source Fund/Washington State Water Pollution Control Revolving Fund Draft Offer and Application List.
3. The applicant for this facilities project is currently out of compliance with the GMA and may not sign a funding agreement with Ecology until they are in compliance, unless the existence of special circumstances can be determined. For more information see RCW 70.146 and Chapter 173-95A WAC.
4. The applicant requested that Ecology staff perform a financial hardship analysis on the effect of the project on residential sewer user fees. A financial hardship analysis was conducted and Ecology has determined that financial hardship cannot be shown.
5. 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”.

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<b>Application Number</b>	<b>% User Fee/MHI</b>	<b>Applicant Name/Project Title</b>	<b>Permit Number &amp; Effluent Limits</b>	<b>Time Frame</b>	<b>Funds Requested</b>	<b>Funds Proposed</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Footnotes</b>
FP02106	2.88%	<b>PUD No. 1 of Stevens County</b> Clayton Sewer System Loan Refinancing	ST5392 BOD 383 mg/l TSS 50 mg/l	4/1/96 - 9/1/99 (41 Months)	\$814,874	\$814,874	Water Pollution Control Facilities Refinance	0%	20	1
FP02082	1.27%	<b>Spokane City of</b> Refinance Existing Sewer Bond Debt	WA002447-3 BOD 30 mg/l TSS 30 mg/l	1/1/91 – 5/1/92 (16 Months)	\$3,600,285	\$3,600,285	Water Pollution Control Facilities Refinance	1.5%	20	
FP02101	1.19%	<b>Toppenish City of</b> Wastewater System Improvements (Refinance)	WA002612-3 BOD 30 mg/l TSS 30 mg/l	10/1/94 - 12/1/98 (51 Months)	\$3,286,788	\$3,286,788	Water Pollution Control Facilities Refinance	1.5%	20	
FP02006	1.01%	<b>King County - Dept. of Natural Resources</b> Denny Way/Lake Union CSO Project - Final Design & Program Consultant - Refinance	WA002918-1 BOD 30 mg/l TSS 30 mg/l	12/1/99 – 6/5/01 (18 Months)	\$17,117,000	\$17,117,000	Water Pollution Control Facilities Refinance	1.5%	20	
FP02002	0.97%	<b>Garfield Town of</b> RD to SRF Loan Transfer	WA002918-1 BOD 22.5mg/l TSS 30 mg/l	1/1/92 – 8/1/93 (19 Months)	\$904,580	\$904,580	Water Pollution Control Facilities Refinance	1.5%	20	

Totals:    \$25,723,527    \$25,723,527

**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.

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<b>Application Number</b>	<b>Rank</b>	<b>Applicant Name/Project Title</b>	<b>Permit Number &amp; Effluent Limits</b>	<b>Time Frame</b>	<b>Funds Requested</b>	<b>Funds Proposed</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Footnotes</b>
FP01153-02	69	<b>Bremerton City of</b> Anderson Cove CSO Reduction Facilities	WA0029289D BOD 30 mg/l TSS 30 mg/l	10/1/98 - 10/1/00 (24 Months)	\$1,600,000	\$640,427	Water Pollution Control Facilities Refinance	1.5%	20	1 & 2
FP01079-02	70	<b>Spokane County</b> Refinancing of OSS Elimination Projects	N/A	10/1/99 - 11/30/00 (13 Months)	\$28,800,000	\$13,385,445	Water Pollution Control Facilities Refinance	1.5%	20	3
FP01150-02	71	<b>Bremerton City of</b> Private Sewer System Rehabilitation Activities	N/A	N/A	\$500,000	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01105-02	75	<b>Stanwood City of</b> WW Facilities Design	N/A	N/A	\$978,000	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01026-02	77	<b>Granger Town of</b> WW Treatment Improvements Design & Construction	N/A	N/A	\$532,000	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01157-02	81	<b>King County Department of Natural Resources</b> Denny Way/Lake Union CSO - Construction	N/A	N/A	\$19,233,705	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01077-02	82	<b>Brewster City of</b> WW Treatment Plant Design	N/A	N/A	\$155,000	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01113-02	106	<b>King County Department of Natural Resources</b> Denny Way/Lake Union CSO Control Project	N/A	N/A	\$12,338,864	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01034-02	108	<b>Clark Public Utilities</b> La Center I/I Facility Plan	N/A	N/A	\$50,000	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01154-02	118	<b>Bremerton City of</b> East Bremerton Inflow/Infiltration Study	N/A	N/A	\$130,000	\$0	Water Pollution Control Facilities	N/A	N/A	4

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<b>Application Number</b>	<b>Rank</b>	<b>Applicant Name/Project Title</b>	<b>Permit Number &amp; Effluent Limits</b>	<b>Time Frame</b>	<b>Funds Requested</b>	<b>Funds Proposed</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Footnotes</b>
FP01062-02	120	<b>Mansfield Town of</b> Refinancing of Sewer Line Replacement	N/A	N/A	\$290,000	\$0	Water Pollution Control Facilities Refinance	N/A	N/A	4
FP01186-02	124	<b>Thurston County</b> Grant Mound Sewer Facilities Construction	N/A	N/A	\$5,527,681	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01151-02	126	<b>Bremerton City of</b> Pine Road CSO Reduction Project	N/A	N/A	\$750,000	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01048-02	129	<b>Colfax City of</b> Colfax I/I Removal - Phase 2	N/A	N/A	\$237,300	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01063-02	141	<b>Okanogan County</b> Lakes WW System Refinance	N/A	N/A	\$227,296	\$0	Water Pollution Control Facilities Refinance	N/A	N/A	4
FP01156-02	144	<b>King County Department of Natural Resources</b> Renton Enlargement Construction (Refinance)	N/A	N/A	\$25,395,000	\$0	Water Pollution Control Facilities Refinance	N/A	N/A	4
FP01167-02	146	<b>Yelm City of</b> Yelm Sewer Project Loan Refinance	N/A	N/A	\$1,763,002	\$0	Water Pollution Control Facilities Refinance	N/A	N/A	4
FP01213-02	158	<b>Shelton City of</b> Goldsborough Creek Sanitary Sewer Crossing	N/A	N/A	\$100,000	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01022-02	163	<b>Granite Falls City of</b> WW Treatment Plant Design & Construction	N/A	N/A	\$550,000	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01171-02	179	<b>Ridgefield City of</b> WW Treatment Plant Expansion	N/A	N/A	\$1,172,323	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01090-02	201	<b>Snohomish City of</b> Amendment to CSO Reduction Plan	N/A	N/A	\$60,000	\$0	Water Pollution Control Facilities	N/A	N/A	4
FP01165-02	202	<b>Monroe City of</b> Eastside Interceptor	N/A	N/A	\$1,619,113	\$0	Water Pollution Control Facilities	N/A	N/A	4

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<b>Application Number</b>	<b>Rank</b>	<b>Applicant Name/Project Title</b>	<b>Permit Number &amp; Effluent Limits</b>	<b>Time Frame</b>	<b>Funds Requested</b>	<b>Funds Proposed</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Footnotes</b>
FP01006-02	206	Dayton City of Dayton Sewer Bond Defeasance	N/A	N/A	\$2,000,000	\$0	Water Pollution Control Facilities Refinance	N/A	N/A	4

Totals: \$104,009,284 \$14,025,872

**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. A financial hardship analysis was conducted and Ecology has determined that financial hardship cannot be shown.
2. This applicant applied for and received partial funding on the SRF FY 2001 Final Intended Use Plan because the amount requested exceeded the remaining funds available. The amount shown in the "Funds Proposed" column reflects the unmet demand for funding from the previous funding cycle.
3. The "Funds Proposed" column shows less than "Funds Requested" column because the amount requested exceeds the remaining funds available.
4. No SRF funds remain available after higher priority projects were proposed for funding.



## **Attachment 2**

### **Project Summaries**

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**FP01006 - Dayton, City of:** Dayton Sewer Bond Defeasance: The City has issued several million dollars in revenue bonds to help pay for a sewer plant rehabilitation at about 5 percent average interest. A low-interest loan would allow us to defeasance these bonds and consequently charge a much lower utility rate to a low-income community.

**FP01022 - Granite Falls, City of:** Wastewater Treatment Plant Design & Construction. The city of Granite Falls is upgrading and expanding its wastewater treatment facility. The project includes the addition of submersible mixers and a clarifier to increase the operational efficiency of the facility and conversion from chlorine to ultraviolet disinfection in order to comply with the City's new NPDES permit.

**FP01026 - Granger, Town of:** Wastewater Treatment Improvements Design and Construction. Design and construct improvements to the town of Granger wastewater treatment facility, including new oxidation ditch aeration equipment, a new emergency generator, and UV disinfection. Projects will improve plant reliability and allow more stringent effluent limits to be met for residual chlorine and ammonia to protect water quality in the Yakima River.

**FP01034 - Clark Public Utilities:** La Center Sanitary Sewer System Infiltration & Inflow Study. Clark Public Utilities owns and operates the La Center sanitary sewer system. CPU proposes to conduct a study of the wastewater collection system to determine the locations at which extraneous water (also termed infiltration and inflow - I/I) enters the system, the amount of I/I entering the system at these locations, and the methods that might be used to control I/I. Lower Columbia River Estuary Program: Action Item 33: Reduce the bacterial contamination sometimes found in the Columbia River and its tributaries to limit human exposure to contaminated water. Action Item 34: Develop maximum pollutant loads for streams that do not meet water quality standards.

**FP01048 - Colfax, City of:** Colfax I/I Removal - Phase 2. The project is located in an area identified in the City's Comprehensive Sewer Plan/Wastewater Facilities Plan as being a major contributor of I/I to the City's Sanitary Sewage Collection System. The City has identified the following approach to eliminating the I/I in this area: video tape the existing line - this will allow the City to quantify the effectiveness of the repairs; replace/repair existing failing manholes which contribute to the I/I in the area; install a PVC liner inside the existing sanitary sewer line.

**FP01062 - Mansfield, Town of:** Refinancing of Sewer Line Replacement. This proposal involves the refinancing of an existing Rural Development loan which the Town secured as partial funding for improvements on their sewage collection system. The project replaced over 18,000 linear feet of collection line using a pipe bursting technique. The old concrete pipe was replaced with high-density polyethylene.

**FP01063 - Okanogan County:** Conconully Lakes Wastewater System Refinance. This project is complete. Funding is necessary to refinance high-interest General Obligation Bonds used to construct a STEP sewer system. The interest savings will save the project \$8,000 per year and directly benefit the rate payers. The original project was required to meet the requirements of a

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Federal Order and to remove an identified health hazard caused by untreated household sewage entering the waters of the Conconully Lakes.

**FP01077 - Brewster, City of:** Wastewater Treatment Plant Design. The City needs to replace outdated and marginally functioning components of Brewster's wastewater treatment plant, bringing the system into compliance with state and federal water quality regulations. The project is the preparation of approved, construction-ready engineering design and related documents for improvements to the headworks, oxidation ditch, clarifier, chlorination system, and biosolids management. The intent of the project is to prepare the City for Step 3 in Ecology's Step system.

**FP01079 - Spokane County:** Refinancing of Spokane County Septic Tank Elimination Projects. Loan proceeds will be used to repay LTGO bonds sold in 1998 and 1999. These bonds cover the cost to design and construct sewer projects to remove septic systems from above the Spokane-Rathdrum sole source aquifer. The projects were constructed in 1996 through 2000 and are part of the Extended Payment Grant Agreement with DOE. Nonpoint Source Plan: Urban Activities 15: Expand the use of Memoranda of Agreement with local governments to address the needs for expansion of sewer services to areas of actual or projected high population density.

**FP01090 - Snohomish, City of:** Amendment to CSO Reduction Plan. This project is an Amendment to the City's adopted and approved 1993 CSO Reduction Plan, as required in the 1999 draft NPDES Permit for the Snohomish WWTF. The facilities will consist of a trunk line to intercept two combined sewer overflows and treat the flows in the former wastewater treatment lagoon.

**FP01105 - Stanwood, City of:** Wastewater Facilities Design. To address existing deficiencies and accommodate anticipated growth, capital improvement projects were identified in the Facilities Plan for the wastewater collection system and the treatment plant. This project consists of increasing the size of various gravity trunk mains and upgrading the existing lagoon facility to an activated sludge process.

**FP01113 - King County Department of Natural Resources:** Denny Way/Lake Union CSO Control Project. The Denny Way/Lake Union CSO Control Project is a joint effort of King County 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 King County system. The project will control Lake Union and Denny Way CSOs by: 1) storing CSO flows during moderate storms and transferring them to the West Point Treatment Plant after the storm subsides; and 2) providing at-site treatment at the Elliott West site, with discharge of treated flows through a new outfall during heavy rain conditions.

**FP01150 - Bremerton, City of:** Private Sewer System Rehabilitation Activities. This program will provide home and business owners of Bremerton with a low-interest loan option for funding separation of stormwater from their sanitary sewer services. Offering this loan as part of the Combined Sewer Overflow Reduction Program will encourage participation in our effort and help ensure its success. Nonpoint Source Plan: On-site revolving loans, see page 171 of the nonpoint plan.

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**FP01151 - Bremerton, City of:** Pine Road CSO Reduction Project. This project develops a facility plan for Pine Road Basin and designs a wastewater treatment plant to treat CSO flows in East Bremerton that would otherwise overflow. The CSO treatment facility will reduce CSO events as required by state regulations, court orders, and the improvement of Puget Sound water quality. \$650,000 of this request is for new financing and \$100,000 is for refinancing.

**FP01153 - Bremerton, City of:** Anderson Cove CSO Reduction Facilities. This project is facility planning, design, and construction of Anderson Cove CSO separation facilities. The facilities constructed in this project will reduce CSO events as required for compliance with state regulations, court orders, and improvement of Puget Sound water quality. This project will construct all facilities within Anderson Cove, except upgrading pump station CW-4 and the associated flow diversion.

**FP01154 - Bremerton, City of:** East Bremerton Inflow/Infiltration Study. The project measures the wet-weather hydraulic system by establishing the rainfall to inflow and infiltration (I/I) relationship. Analyses will calculate rain dependent I/I contributors of I/I for capital improvement consideration. Reduction of I/I reduces the potential for combined sewer overflows to occur.

**FP01156 - King County Department of Natural Resources:** Renton Enlargement 3 - Construction (Refinance). The objective of the East Section Reclamation Plant in Renton (ESRP), Enlargement 3 program was to increase average wet-weather flow capacity from 76 mgd. Improvements were made to both liquid and solids stream treatment facilities and to effluent transfer capacity, as well as improving odor control, enhancing site aesthetics, and implementing water reclamation.

**FP01157 - King County Department of Natural Resources:** Denny Way/Lake Union CSO Control Project – Construction. The Denny Way/Lake Union CSO Control Project will control Lake Union and Denny Way CSOs by 1) storing CSO flows during moderate storms and transferring them to the West Point Treatment Plant after the storm subsides; and 2) providing at-site treatment at the Elliott West site, with discharge of treated flows through a new outfall during heavy rain conditions.

**FP01165 - 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.

**FP01167 - Yelm, City of:** Yelm Sewer Project Loan Refinance. Yelm requests a \$1,763,002 SRF loan to refinance the balance remaining of our 1994 Revenue Bond with U.S. Rural Development, saving \$1,400,000 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.

**FP01171 - Ridgefield, City of:** Wastewater Treatment Plant Expansion. Increase funding for project funded in FY 98. Funds are needed because the facility will be built on a contaminated

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site, complicating construction which has been delayed by protracted land negotiations. The FY 98 costs were based on using an existing tank which has been removed as part of contamination cleanup. Lower Columbia River Estuary Plan: Action Item 36: Require all permitted discharges to surface water to use alternatives to chlorine, to protect aquatic life where such alternatives provide equivalent removal and treatment of bacteria. Present costs are based on final construction plans which include features not provided in FY 98.

**FP01186 - Thurston County:** Grand Mound Sewer Facilities Construction. The Grand Mound wastewater facilities replaced the existing Maple Lane Institution's raw-sewage lagoon, in the Chehalis flood plain, on-site system for two DOT Rest Areas and other commercial, industrial and high density residential development within the Urban Growth Area. All future development is required to use the sewer system.

**FP01213 - Shelton, City of:** Goldsborough Creek Sanitary-Sewer Crossing. The proposed project will evaluate alternatives for removing a gravity-sanitary-sewer pipeline and force main from Goldsborough Creek, or for protecting the pipeline and force main if removal is not feasible. The City is under mandate from the Department of Fish and Wildlife to remove the gravity sewer pipelines from the creek by 2003.

**FP02001 - Monroe City of:** Wastewater Treatment Plant - Phase 2. The existing WWTP must be modified to: 1) consistently meet the ammonia discharge limits; 2) increase effectiveness of the UV disinfection system; 3) meet the 85 percent BOD removal requirement; 4) meet copper limits; 5) meet odor standards; and 6) expand the plant capacity to meet future wastewater treatment needs within the sewer service area.

**FP02002 - Garfield Town of:** RD to SRF Loan Transfer. The wastewater facilities improvements have been complete since 1995. The improvements consisted of converting the existing trickling filter process to an activated bio-filter process. The town of Garfield is requesting to refinance these improvements from a Rural Development 4.5 percent, 40-year loan to a SRF 1.5 percent, 20-year loan. The estimated savings will be \$700,000.

**FP02006 - King County - Department of Natural Resources:** Denny Way/Lake Union CSO Project - Final Design & Program Consultant – Refinance. This project is a joint effort of King County 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 King County system. The project will control Lake Union and Denny Way CSOs by: 1) storing CSO flows during moderate storms and transferring them to the West Point Treatment Plant after the storm subsides; and 2) providing at-site treatment at the Elliott West site, with discharge of treated flows through a new outfall during heavy rain conditions.

**FP02012 - Spokane County Conservation District:** Direct Seeding Assistance Program. Crop residue/straw management is the most significant contributing factor preventing the widespread acceptance of direct seeding of cereal grain crops. The project would facilitate the implementation of direct seeding and the phase out of field burning, making funds available to remove, store and process straw and establish markets for straw products. Nonpoint Source

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Plan: Agricultural Activities 12: Actively engage agricultural producer groups in developing and implementing new BMPs. Nonpoint Source Plan: Agricultural Activities 13: Use SRF low-interest loans to help agricultural commodity groups with development and installation of BMPs that reduce pollution and water use.

**FP02014 - South Bend City of:** Inflow and Infiltration Abatement Project. To reduce/eliminate Inflow/Infiltration of storm/ground water into sewer system per Order #DE-98WQ-J296 from Ecology (4/23/99). Major elements: 1) replace/seal failing sewer mains; 2) seal leaking manholes; 3) separate storm inlets from sewer lines; 4) correct sidesewer leakage; and 5) inspect for open/interconnected yard drains.

**FP02015 - Thurston County Environmental Health Division:** On-Site Financial Assistance Program. This project will continue Thurston County's local loan fund, which makes long term, low interest funding available to repair failing on-site sewage systems. Lack of funding often impedes repair of failing on-site sewage systems, which contribute to pollution of ground and surface waters in Thurston County. Nonpoint Source Plan: Urban 11: Identify needs to enhance the onsite O/M program at both state and local levels and recommend funding to implement.

**FP02016 - Granger Town of:** Wastewater Treatment Facility Improvements. Based on the analysis in the Town's 2000 wastewater facility plan, the Town proposes improvements to the oxidation ditch aeration equipment, the UV disinfection system, and an additional backup power generator. These improvements are necessary to bring the Town's facilities into conformance with the requirements of its NPDES permit and meet the Town's water quality goals with respect to threatened salmonid species in the Yakima River.

**FP02017 - Conconully Town of:** Wastewater Facility Plan. Prepare a wastewater facility plan that contains a treatment system assessment, sprayfield management plan, public health protection plan, and ground water monitoring plan. The plan includes analysis and update of operation and maintenance procedures and the new sewer use ordinance. The plan will comply with Conconully's new State Waste Discharge Permit.

**FP02019 - Reardan Town of:** Reardan Wastewater Facility's Design. This project will result in a wastewater facility's design to upgrade our treatment facility to meet all state and federal requirements.

**FP02021 - Klickitat County PUD:** Wishram Wastewater Treatment Plant Improvements. Make plant improvements per Ecology approved engineering report. Aeration system - replace aging surface aerators with new diffused air system; Disinfection system - replace concrete block baffles in chlorine contact tank with fiberglass; add equipment to improve chlorine mixing and tank cleaning; Operating improvements - add influence screen and improve grit removal facilities.

**FP02023 - Coupeville Town of:** Wastewater Treatment Plant Expansion 1. This project will improve wastewater treatment plant reliability, flow capacity, and solids loading capacity of Coupeville's treatment plant. Project components include: increased effluent pumping capacity;

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standby generator for all treatment functions; second clarifier. This first phase project will preserve and enhance Penn Cove water quality as the first phase of a two phase project.

**FP02027 - Almira Town of:** Almira WWTF Hydrogeologic Characterization Study. The project will provide funding for the following: 1. Initial scope of work from Ecology review and comment. 2. Installation of three monitoring wells, a fourth may be required. 3. The ground water will be tested during a 24-month period. 4. Almira WWTF Hydrogeologic Characterization Study.

**FP02031 - Bremerton City of:** Cherry/Trenton CSO Reduction Improvements. The project designs and constructs improvements in Cherry Avenue Basin and in Trenton Avenue Basin. The work includes: 1) replacement of a section of beachmain; 2) replacement of the combined sewer to the beachmain; 3) forcemain installation; 4) overflow number 7 modifications; 5) installation of flow control valves; and 6) sliplining of a large gravity sewer.

**FP02032 - Bremerton City of:** Anderson Cove - Basin 12. The project will design and construct Anderson Cove CSO Basin 12 improvements consisting of a flow diversion from Basin 11 to Basin 12 and an upgrade of pump station CW-4. This project will construct all of the remaining CSO reduction facilities required within the Anderson Cove Basin.

**FP02033 - Bremerton City of:** Low Interest Loan Program. The low interest loan program will help property owners replace failing sewer laterals or install new storm systems. This will reduce infiltration of ground water into the sanitary sewer system to provide needed capacity for CSO reduction and eliminate exfiltration of untreated wastewater from failing service laterals.

**FP02034 - Bremerton City of:** Tracyton Beach CSO Reduction Improvements. The project is the design and construction of all CSO reduction improvements in the Tracyton Beach Basin. Improvements include an upgrade of pump station EB-6 along with construction of a storage facility of approximately 50,000 gallons and associated restoration.

**FP02035 - Bremerton City of:** Trenton Avenue Pump Station Improvements. The project is the design and construction of upgrades to pump station EB-2 and EB-3. The EB-2 upgrade will increase pump station peak capacity to 4,300 gpm. It will require new pumps, ancillary equipment, and structural modifications. EB-3 modifications are for modified discharge head requirements and capacity increase to 1,500 gpm.

**FP02036 - Shelton City of:** Shelton WWTP Digester Expansion Project. The city of Shelton will upgrade and expand the aerobic digester system at the WWTP by increasing digester capacity, improving aeration processes, and upgrading its sludge pumping and piping processes. This will ensure the ability of the City to decrease volatile solids and produce digested sludge meeting land application criteria.

**FP02046 - East Columbia Basin Irrigation District:** ECBID Rill to Sprinkler Conversion Program. This rill to sprinkler conversion program is proposed to provide low cost loans to farmers in the East District irrigated service area to finance these conversions. The benefits

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achieved by reducing the amount of rill irrigated land will be improved water quality through the reduction of sediment loads and the levels of pesticides, nitrogen and other pollutants in District drains and wasteways. Nonpoint Source Plan: Agricultural Activities 7: Study feasibility of converting open gravity canals and other current delivery systems to more efficient systems, including pressurized pipe. Nonpoint Source Plan: Agricultural Activities 13: Use SRF low-interest loans to help agricultural commodity groups with development and installation of BMPs that reduce pollution and water use.

**FP02059 - Brewster City of:** Wastewater Treatment Plant Upgrade. The city of Brewster has received an order to make improvements to its wastewater system to meet conditions of its NPDES permit. This project will accomplish the design and construction of upgrades to replace outdated and marginally functioning components of the plant, bringing the facility into compliance with federal and state water quality standards.

**FP02063 - Walla Walla County Water District No. 2:** Touchet Sewer Facility Plan. Walla Walla County Water District No. 2 is seeking funding to hire an engineering firm to prepare a "facility plan." The facility plan will evaluate the existing system and determine options to repair and upgrade the sewer treatment system. The options will maximize the use of the existing system.

**FP02066 - Napavine City of:** Napavine Comprehensive Stormwater Management Plan. The proposed project would develop a Comprehensive Stormwater Management Plan to address water quality and quantity problems in the vicinity of the town of Napavine. Nonpoint Source Plan: Urban Activities 4: Develop a Stormwater Management Strategy which includes updating the stormwater manual and helping local governments implement the manual to address stormwater impacts on habitat and water quality of new development.

**FP02068 - Davenport City of:** Wastewater Facility Rehabilitation Project. Raw sewage pumping improvements include approximately 4100 feet of force main and larger pumps which increase capacity from 875 gpm to 930 gpm. Creek discharge is recommended under stringent conditions and depends on creek flow, quality of lagoon final effluent after UV disinfection. The City would develop and implement a water quality program.

**FP02074 - Toledo City of:** Sewer System Improvements. To reduce infiltration/inflow into the City's sewer system, the proposed project involves the repair or replacement of approximately 5,500 linear feet of 6-inch to 12-inch diameter concrete gravity sewer main and side sewer on public property with PVC pipe. The project area lies primarily between First, Fifth, Alder, and Cowlitz Streets.

**FP02075 - Pe Ell Town of:** Wastewater Treatment Plant Construction. The town of Pe Ell's wastewater upgrade project consists of the construction of a new oxidation ditch with two secondary clarifiers; headworks including two gravity grit channels, Parshall flume, influent screening, and biological selectors; UV disinfection; effluent pump station; operations building; sludge drying beds; and conversion of the existing oxidation ditch to an aerobic digester.



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**FP02076 - Okanogan City of:** Okanogan Wastewater Facility Plan. Preparation of a wastewater facility plan, including a wastewater treatment plant evaluation, collection system evaluation, infiltration and inflow study, and outfall study. The project will provide long-term planning for the City's wastewater utility, help protect Okanogan River water quality and endangered salmonids, and ensure compliance with the City's NPDES permit.

**FP02077 - Okanogan City of:** Wastewater Treatment Improvements Design and Construction. Design and construct improvements to the city of Okanogan wastewater treatment facility, including a new influent lift station, additional RBC units, and UV disinfection. Project will improve plant reliability, and allow more stringent effluent limits to be met for residual chlorine to protect water quality in the Okanogan River.

**FP02082 - Spokane City of:** Refinance Existing Sewer Bond Debt. This project is to refinance existing sewer bond debt. The projects for which the refinancing applies were the CSO Reduction and the Septic Tank Elimination Programs, which were accomplished in the 1980s.

**FP02083 - Spokane City of:** Cochran Basin I/I Facility Plan. Cochran Basin was separated during the CSO projects of the 1980s. During development of the current wastewater facilities plan, grossly excessive I/I was detected in the Cochran Basin. This project will identify the sources, and has the potential of reducing peak interceptor flows by 13 MGD or more.

**FP02084 - Spokane City of:** Cowley Creek Diversion. Cochran Basin was separated during the CSO projects of the 1980s. During development of the current wastewater facilities plan, grossly excessive I/I was detected in the Cochran Basin. This project will identify the sources and has the potential of reducing peak interceptor flows by 13 MGD or more.

**FP02085 - PUD No. 1 of Skagit County:** Similk Beach Sewer Improvement Project. County and state health departments have documented failing household septic systems that have downgraded the commercial shellfish areas along Similk Beach on Fidalgo Island in western Skagit County. The District is working with Skagit County and the Similk Beach community on a new public sewer system to serve about 70 residences, eliminate the emergent public health problem, and allow the upgrade of the shellfish beds to prior production status.

**FP02088 - Franklin Conservation District:** Irrigated Agriculture Loan Program. Reduce agriculture impacts to surface and ground water by providing low-interest loans to growers to convert inefficient rill and hand- or wheel-line irrigation systems to center pivot or drip systems that prevent surface runoff and reduce ground water leaching. Nonpoint Source Plan: Agricultural Activities 7: Study feasibility of converting open gravity canals and other current delivery systems to more efficient systems, including pressurized pipe. Nonpoint Source Plan: Agricultural Activities 13: Use SRF low-interest loans to help agricultural commodity groups with development and installation of BMPs that reduce pollution and water use.

**FP02089 - Island County Health Department:** On-Site Repair Financial Assistance Program. The program will continue a local loan fund to provide financial assistance to private citizens to repair or replace failing on-site sewage systems. A priority system will be used to identify and

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fund failing on-site sewage systems with the most critical water quality, public health, and citizen need for low interest funding. A portion of the general fund will be reserved to assure loan repayment. A financial institution will provide loan approvals and contract collection services. Loans will be secured by a Promissory Note and Deed of Trust. Assurances will be obtained for systems installed with local loan funds to be properly designed by a Washington State licensed on-site sewage system designer, installed by an Island County licensed on-site sewage system installer and properly operated and maintained per Island County Code 8.07C.250. Nonpoint Source Plan: Urban 11: Identify needs to enhance the onsite O/M program at both state and local levels and recommend funding to implement.

**FP02095 - North Bend City of:** North Bend Sewer Infiltration and Inflow Improvements (Phase 2). The city of North Bend conducted an infiltration and inflow (I/I) study that identified unsound sewer lines contributing excessive I/I to the collection system. The I/I study recommended that improvements to the collection system be conducted in two phases. The phase 1 improvements were constructed during the summer of 1998 and replaced approximately 6000 lineal feet of sewer mainlines and associated side sewers from the main to the property lines. The phase 2 project represents a continuation of the overall project to further reduce I/I. Approximately 2700 lineal feet of sewer main and 1100 feet of side sewer will be replaced.

**FP02097 - Moses Lake City of:** Larson Sewage Treatment Plant Upgrade. The project will upgrade the existing wastewater treatment facility. The modifications are reconfiguring the existing south lagoon into a Biolac Treatment Facility, provide mechanical screening of the influent, and UV disinfection of the effluent. The treatment process will include denitrification to reduce nitrate concentration in the ground water.

**FP02098 - Uniontown Town of:** Wastewater Facilities Plan Amendment. The town of Uniontown's wastewater facilities plan was completed in 1977 and is outdated. The Town needs to complete an Addendum to the 1977 plan in order to define their needs, options for improvements, and set goals for future planning.

**FP02101 - Toppenish City of:** Wastewater System Improvements (Refinance). Refinance USDA-RD loan for design and construction of improvements to wastewater treatment facilities and rehabilitation of a portion of the existing collection system to provide facilities with adequate capacity to treat current and future loadings, and to protect ground water and domestic water sources from contamination due to exfiltration.

**FP02102 - Mason County:** North Bay - Case Inlet Water Reclamation Facility. The complete project consists of construction of a water reclamation facility on property purchased by Mason County one mile west of the town of Allyn; pumping and transmission main facilities; and a sewer collection system serving Allyn, Victor, and Lakeland Village. The components of the reclamation facility includes a headworks, a sequencing batch reactor with a design flow of 0.304 MGD, effluent filters, UV disinfection, storage ponds, and a sprayfield. The facility is designed to produce Class A reclaimed water.

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**FP02103 - Port Townsend City of:** Wastewater Conveyance System Improvements Project. Project implements the recommendations of the City's wastewater facilities plan for elimination of overflows. Proposed improvements include removal of inflow sources, replacement of sections of the City's existing major trunk sewer, and replacement of the City's primary lift station (Gaines Street Pump Station).

**FP02104 - Port Ludlow Drainage District:** Stormwater Comprehensive Management Plan. Develop a stormwater comprehensive management plan to address water quality and quantity problem of the newly formed Drainage District.

**FP02106 - PUD No. 1 of Stevens County:** Clayton Sewer System Loan Refinancing. Construct a complete public sewer system for the existing unincorporated community of Clayton. The system consists of a septic tank/effluent pump (STEP) collection system, and recirculating sand (gravel) filter treatment system with a pressure drainfield for final disposal. There was no existing public sewer system. The new system replaced existing on-site sewers.

**FP02113 - Fairfield Town of:** Wastewater Treatment Facility Improvements. The current treatment facility consists of two facultative lagoons, and has been labeled "non-compliant" by Ecology. This is a facility construction project, which includes: purchase of 15 acres of land; new aerated lagoon; constructed wetlands; flow equalization; influent screening; effluent disinfection; two lift stations; and site piping, fencing, roads, and landscaping.

**FP02114 - Ferndale City of:** Comprehensive Stormwater Plan. Prepare a comprehensive stormwater plan for the city of Ferndale.

**FP02117 - Sequim City of:** Valley Surface Water Management Plan. The consultant will prepare a surface water management plan for the Bell Creek watershed, including irrigation systems and related connections. This plan will provide ideas for regional stormwater management and water quality and aquatic habitat protection through correction of existing stormwater problems and prevention of the degradation of water quality. Nonpoint Source Plan: Urban 5: Research stormwater technology design, cost benefit and know-how to effectively address stormwater problems

## **Attachment 3**

### **Proposed Schedule of Payments From EPA to the State of Washington**

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Proposed Schedule of Payments from EPA to the State of Washington**

<b>Federal Quarter</b>	<b>Requested FFY 2000 Title VI Grant Payments</b>
<b>10/1/01</b>	\$0
<b>1/1/02</b>	\$7,710,747
<b>4/1/02</b>	\$7,710,747
<b>7/1/02</b>	\$7,710,747
<b>TOTAL</b>	<b>\$23,132,241</b>

## **Attachment 4**

### **Estimated Schedule of Binding Commitments**

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Estimated Schedule of Binding Commitments**

<b>Application Number</b>	<b>Applicant Name/Project Title</b>	<b>Date</b>	<b>Funds Proposed</b>
FP02106	<b>PUD No. 1 of Stevens County</b> Clayton Sewer System Loan Refinancing	1/1/02	\$814,874
FP02082	<b>Spokane City of</b> Refinance Existing Sewer Bond Debt	1/1/02	\$3,600,285
FP02101	<b>Toppenish City of</b> Wastewater System Improvements (Refinance)	1/1/02	\$3,286,788
FP02006	<b>King County - Dept. of Natural Resources</b> Denny Way/Lake Union CSO Project - Final Design & Program Consultant – Refinance	1/1/02	\$17,117,000
FP02002	<b>Garfield Town of</b> RD to SRF Loan Transfer	1/1/02	\$904,580
FP01153-02	<b>Bremerton City of</b> Anderson Cove CSO Reduction Facilities	1/1/02	\$640,427
FP01079-02	<b>Spokane County</b> Refinancing of OSS Elimination Projects	1/1/02	\$13,385,445
FP02102	<b>Mason County</b> North Bay - Case Inlet Water Reclamation Facility	3/1/02	\$1,111,461
FP02075	<b>Pe Ell Town of</b> Wastewater Treatment Plant Construction	3/1/02	\$1,018,000
FP02039	<b>Klickitat County</b> Dallesport Wastewater Facilities Project	3/1/02	\$1,149,000
FP02035	<b>Bremerton City of</b> Trenton Avenue Pump Station Improvements	3/1/02	\$1,000,000
FP02031	<b>Bremerton City of</b> Cherry/Trenton CSO Reduction Improvements	3/1/02	\$1,000,000
FP02032	<b>Bremerton City of</b> Anderson Cove - Basin 12	3/1/02	\$650,000

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<b>Application Number</b>	<b>Applicant Name/Project Title</b>	<b>Date</b>	<b>Funds Proposed</b>
FP02034	<b>Bremerton City of</b> Tracyton Beach CSO Reduction Improvements	3/1/02	\$693,000
FP02085	<b>PUD No. 1 of Skagit County</b> Similk Beach Sewer Improvement Project	6/1/02	\$50,000
FP02076	<b>Okanogan City of</b> Okanogan Wastewater Facility Plan	6/1/02	\$110,000
FP02036	<b>Shelton City of</b> Shelton WWTP Digester Expansion Project	6/1/02	\$960,190
FP02098	<b>Uniontown Town of</b> Wastewater Facilities Plan Amendment	6/1/02	\$50,000
FP02016	<b>Granger Town of</b> Wastewater Treatment Facility Improvements	6/1/02	\$549,000
FP02014	<b>South Bend City of</b> Inflow and Infiltration Abatement Project	6/1/02	\$1,000,000
FP02089	<b>Island County Health Department</b> On-Site Repair Financial Assistance Program	6/1/02	\$300,000
FP02077	<b>Okanogan City of</b> Wastewater Treatment Improvements Design and Construction	6/1/02	\$82,000
FP02015	<b>Thurston County Environmental Health Division</b> On-Site Financial Assistance Program	6/1/02	\$150,000
FP02088	<b>Franklin Conservation District</b> Irrigated Agriculture Loan Program	6/1/02	\$750,000
FP02001	<b>Monroe City of</b> Wastewater Treatment Plant - Phase 2	6/1/02	\$7,425,125
FP02074	<b>Toledo City of</b> Sewer System Improvements	9/1/02	\$753,600



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<b>Application Number</b>	<b>Applicant Name/Project Title</b>	<b>Date</b>	<b>Funds Proposed</b>
FP02030	<b>Yakima County</b> Removal of Wrecking Yards from Flood Plains	9/1/02	\$154,400
FP02095	<b>North Bend City of</b> North Bend Sewer Infiltration and Inflow Improvements (Phase 2)	9/1/02	\$894,500
FP02113	<b>Fairfield Town of</b> Wastewater Treatment Facility Improvements	9/1/02	\$818,789
FP02068	<b>Davenport City of</b> Wastewater Facility Rehabilitation Project	9/1/02	\$1,000,000
FP02103	<b>Port Townsend City of</b> Wastewater Conveyance System Improvements Project	9/1/02	\$1,000,000
FP02108	<b>Island County Public Works Department</b> Water Quality Outfall Monitoring	9/1/02	\$286,000
FP02097	<b>Moses Lake City of</b> Larson Sewage Treatment Plant Upgrade	9/1/02	\$215,000
FP02033	<b>Bremerton City of</b> Low Interest Loan Program	9/1/02	\$250,000
FP02021	<b>Klickitat County PUD</b> Wishram Wastewater Treatment Plant Improvements	9/1/02	\$138,000
FP02027	<b>Almira Town of</b> Almira WWTF Hydrogeologic Characterization Study	9/1/02	\$13,500
FP02046	<b>East Columbia Basin Irrigation District</b> ECBID Rill to Sprinkler Conversion Program	9/1/02	\$10,000,000
FP02017	<b>Conconully Town of</b> Wastewater Facility Plan	9/1/02	\$56,600

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<b>Application Number</b>	<b>Applicant Name/Project Title</b>	<b>Date</b>	<b>Funds Proposed</b>
FP02059	<b>Brewster City of</b> Wastewater Treatment Plant Upgrade	9/1/02	\$360,237
FP02084	<b>Spokane City of</b> Cowley Creek Diversion	9/1/02	\$460,000
FP02012	<b>Spokane County Conservation District</b> Direct Seeding Assistance Program	9/1/02	\$4,000,000
FP02066	<b>Napavine City of</b> Napavine Comprehensive Stormwater Management Plan	9/1/02	\$40,000
FP02063	<b>Walla Walla County Water District No. 2</b> Touchet Sewer Facility Plan	9/1/02	\$129,600
FP02083	<b>Spokane City of</b> Cochran Basin I/I Facility Plan	9/1/02	\$790,000
FP02104	<b>Port Ludlow Drainage District</b> Stormwater Comprehensive Management Plan	9/1/02	\$80,000
FP02019	<b>Reardan Town of</b> Reardan Wastewater Facility's Design	9/1/02	\$130,000
FP02114	<b>Ferndale City of</b> Comprehensive Stormwater Plan	9/1/02	\$189,000