




# Washington State Water Pollution Control Revolving Fund

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## Final Intended Use Plan FY 2007

July 1, 2006  
Publication No. 06-10-052

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## I. Funds Available for Projects

This Final Intended Use Plan (IUP) describes how the state of Washington plans to use the monies available to the Washington State Water Pollution Control Revolving Fund (SRF) during state fiscal year 2007 (FY 2007). Total funds available for projects on this year's IUP will be \$78,086,060. This total is based on receiving the federal fiscal year (FFY) 2006 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 2005-2007 biennial appropriations, projected principal and interest repayments for FY 2006, and actual principal and interest repayments for FY 2005 minus projected principal and interest repayments for FY 2005, actual investment interest for FY 2005, deobligated funds from previous funding cycle loan recipients, transfer of the remaining Title II funds to Title IV funds, and the required 20-percent state match to Title II funds transferred to Title VI from Washington State's 2005-2007 biennial appropriations.

The following table illustrates SRF funds available for State FY 2007:

Anticipated Capitalization Grant from EPA	\$15,228,477
20-Percent Match to Anticipated Federal Grant	\$3,045,695
Projected Principal and Interest Repayments for FY 06	\$25,159,775
Projected Principal and Interest Repayments for FY 05	(\$20,449,630)
Actual Principal and Interest Repayments for FY 05	\$20,329,448
Interest Earned on Investments for FY 05	\$1,712,872
Deobligated Funds	\$19,968,866
Mason County - Belfair Design - Added FY 06 Design Loan to New FY 07 Request	\$802,352
Less 4% for Administration from Anticipated Federal Grant	(\$609,139)
Transfer Funds From of Title II to Title VI	\$11,118,400
20-Percent Match to Anticipated Transfer of Funds From Title II to Title VI	\$2,223,680
Less 4% for Administration from the Transfer of Funds From Title II to Title VI	(\$444,736)
<b>Total Funds Available for Projects:</b>	<b>\$78,086,060</b>

Local governments' demand for SRF financial assistance this funding cycle exceeded the funds available. The SRF program received 31 eligible applications from local governments requesting over \$165 million. Ecology is proposing to offer approximately \$78 million in low-interest loans for 20 high-priority water quality projects.

The list of projects offered funding in this Final IUP will help improve and protect Washington State's surface and ground water by implementing actions identified in the Washington State Water Quality Management Plan to Control Nonpoint Sources of Pollution, Appendix A. Activities include addressing 303(d)-Listed waters and impacted beneficial uses, implementing Priority Item 4 - "Prevent Nutrient and Pathogen Pollution Caused by Human and Animal Wastes" of the 2005-2007 Puget Sound Conservation and Recovery Plan, correcting combined sewer overflows, assisting Ecology with development and implementation of Total Maximum Daily Loads (TMDLs) to receiving waters, upgrading existing wastewater treatment facilities to meet National Permit Discharge Elimination System (NPDES) permit requirements, and construction of three new wastewater treatment facilities to protect water quality.

## II. Goals

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

### A. Short-Term Goals

1. Continue to work with Ecology's Water Quality Financial Assistance Advisory Council to implement Chapter 70.146 RCW, "Water Pollution Control Facilities Financing." The 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 State 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 fifteen (15) water pollution control facilities projects.
5. Provide low-interest loans to a local government for one (1) nonpoint source pollution control project.
6. Provide low-interest loans to local governments for four (4) estuary projects.
7. Administer the SRF program and provide technical and financial assistance to loan recipients and potential applicants.
8. Continue working with the EPA in implementing the SRF and in developing the FY 2008 IUP and capitalization grant agreement.
9. Participate in an EPA pilot project for Measurements Assessment - Core Measurements for Projects.



10. Implement language contained in the Supplemental Capital Budget for the 2005-07 biennium which provisos \$6 million from the SRF FY 2007 funding cycle for on-site septic system repair and replacement for counties and tribes located on Puget Sound. This short-term goal will put into practice action items identified in the Draft Workplan. Please see "VI. Distribution of Funds" for a discussion of this important water quality initiative.

## **B. Long-Term Goals**

1. To integrate, to the greatest extent possible, the SRF with the State 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.
8. Implement language contained in the Supplemental Capital Budget for the 2005-07 biennium which provisos \$5 million from the SRF FY 2007 funding cycle for on-site septic system repair and replacement for counties and tribes located on Puget Sound. An additional \$1 million proviso from the SRF FY 2007 funding cycle was reserved for on-site septic repair and replace programs for Jefferson, Mason, and Kitsap counties. This short-term goal will put into practice action items identified in the Draft Workplan. Please see "VI. Distribution of Funds" for a discussion of this important water quality initiative.

### III. Uses and Terms of Financial Assistance

#### A. Uses

Details of specific uses of SRF monies are contained in the state regulation (Chapter 173-98 WAC, “Uses and Limitations of the Water Pollution Control Revolving Fund”), program Guidelines (revised August, 2005), and the Operating Agreement (dated September 11, 1989.) In summary, SRF monies 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 monies 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, “Uses and Limitations of the Water Pollution Control Revolving Fund,” 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 the application cycle to thirty days before the start of the 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.

For FY 2007, the following terms are offered to applicants:

<b>Repayment Period</b>	<b>Interest Rate</b>
Up to five years:	1.3 percent
Over five years but no more than 20 years:	2.6 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 has offered 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>
FP06094	<b>Klickitat County PUD No. 1</b> Klickitat Wastewater Facilities Improvements Project	0%	20	\$30,085
FP07062	<b>City of Carnation</b> Carnation Wastewater Collection and Conveyance System	0%	20	\$5,199,457
FP07034	<b>City of Kittitas</b> Kittitas Wastewater Treatment Facility Upgrades	0%	20	\$382,500
FP07025	<b>City of Winlock</b> Winlock Wastewater Treatment Plant Improvements	0%	20	\$6,891,591
FP07023	<b>Town of Concrete</b> Concrete Wastewater Treatment Facility	0%	20	\$384,500
FP07026	<b>City of Warden</b> Warden Water Reclamation Facility	0%	20	\$7,705,120
<b>Total:</b>				<b>\$20,593,253</b>

#### 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 monies.

## V. Criteria and Method for Distribution of Funds

The following approach was used to develop the proposed distribution of \$78 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 September 2005, four public workshops were held statewide in these locations: Ellensburg, Spokane, Lynnwood, 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 September 1, 2005, through October 31, 2005. Based on information provided in the applications, projects were evaluated and prioritized. A detailed description of the application and project evaluation process can be found in the *Guidelines for the FY 2007 Water Quality Program Funding Cycle*, Chapter 3. A summary of the process is described below.

### B. Project Evaluation

The project evaluation process was refined with assistance from Ecology's Water Quality Program Financial Assistance Council (Council) for the FY 2007 funding cycle.

Evaluators assigned points for answers provided by applicants to 13 questions in five categories.

The questions are:

Question Number	Application Questions	Points Available
1	Summary of Problem and Solution	0
2	Public Health Emergency or Hazard	**340
3-6	Impairments or Imminent Threats of Impairment to Water Quality (beneficial uses)	180
7	TMDL Development or Implementation	160
8-10	How the Project Addresses the Water Quality Problem	100
11-12	Project Scope, Budget, and Management Team	240
13	Local Initiatives	120
14	State and Federal Mandates	100
	Local Priority Setting Process	100
	Total Points:	1,000

\*\* 340 points substitutes for Questions 3-7

Ecology staff 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.

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 requesting 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 are ranked by financial capability using the same criteria as is used for evaluating hardship, giving the highest ranking to the applicants with the greatest financial need.

After some of the new FY 2007 projects were proposed for funding there were no funds remaining for the two refinance proposals.

During September 2005 Ecology began the process to revise and update the SRF rule, Chapter 173-98 WAC, "Uses and Limitations of the Water Pollution Control Revolving Fund." One of the issues Ecology will be investigating with the Council, other stakeholders, and interested parties is the current evaluation process. Ecology intends to have the revised and updated rule in place for the FY 2009 funding cycle.

## **VI. Distribution of Funds**

The State Revolving Fund (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; twenty 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 fifty 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 one hundred percent of the total eligible project cost.

Loan offers that are identified in this Final Intended Use Plan (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 may be carried over and

made available for the next year's funding cycle and offered to applicants who did not receive all funds requested, or offered to other applicants on the Final IUP who did not receive funding offers.

The 2005-07 Biennial Capital Budget and the 2006 Supplemental Capital Budget contain language that provisos \$6 million from the SRF FY 2007 funding cycle for on-site septic system repair and replacement for counties and tribes located on Puget Sound.

Part of the 2005-07 Biennial Capital Budget directs Ecology to set aside at least \$1 million to be used for on-site septic system rehabilitation and replacement programs in Mason, Kitsap, and Jefferson Counties.

One element of the 2006 Supplemental Capital Budget directs Ecology to set aside up to \$5 million to be used as SRF loans for on-site septic system repair and replacement programs in Puget Sound. The appropriation may be used to: (a) establish new or expanded existing on-site sewage repair and replacement loan programs by county governments or tribes; or (b) develop a pilot program to administer an on-site sewage repair and replacement loan program through a qualified private or non-profit lending institution.

In addition, the Legislature identified grant funds to be used in conjunction with the SRF proviso in the Supplemental Capital Budget for the 2005-07 biennium, which contains language provisos of \$1.5 million of the Water Quality Account to be provided solely for grants for on-site sewage replacement. The appropriation may be used to: (a) establish new or expand existing on-site sewage repair and replacement loan or grant programs by county governments or tribes, or (b) develop a pilot program to administer an on-site sewage repair and replacement loan program through a qualified private or nonprofit lending institution.

One million dollars of the Water Quality Account grant proviso may be used to help financially distressed homeowners for the repair and replacement of failing on-site septic systems.

Further, \$500,000 of the \$1.5 million may be used to help local governments and tribes plan, implement, and administer the local loan fund assistance programs.

The grant proviso will be administered under the State Centennial program.

Ecology has developed the following draft workplan to help implement these important water quality initiatives using the SRF and State Centennial programs.

**A. On-Site Septic Program Workgroup:** The first course of action will be to develop and utilize an on-site septic financial assistance workgroup to help Ecology financial and technical assistance staff develop and implement the program. The workgroup will consist of representation from the Department of Ecology, the Puget Sound Water Quality Action Team, the Department of Health, the State Treasurer's Office, local governments, and tribes. Information and input will also be provided by private and non-profit lending institutions. The workgroup will address:

- Financial assistance loan and grant ceiling amounts and grant-to-loan ratios.
- Development of consistent residential financial hardship eligibility criteria for grant eligibility.

- Development of grant and loan distribution criteria and a possible competitive application and evaluation process to ensure funding priorities for the greatest water quality and public health benefits.
- Establishment of project timelines, uses, and special conditions as well as other pertinent program elements.
- Marketing methods to promote the program.
- Scheduling, with the first workgroup meeting held by May 9, 2006.

**B. Phased Implementation:** There are two parts to this program with different levels of implementation effort required. In an effort to expedite implementation, the program will be accomplished in two phases, as follows:

**Phase I** - Implemented by June 30, 2006: Expand and enhance the existing SRF on-site local loan program to include Centennial Clean Water Program (Centennial) companion grants to be used with SRF loans to address program administration and assist financially distressed homeowners. Phase I will include the following:

- Develop simple guidelines which are based on workgroup input and recommendations and are consistent with existing Centennial and SRF statutes and rules.
- Solicit applications by July 1, 2006.
- Initiate the process to develop agreements for grant and loan financial assistance with selected Phase I applicants. Agreement development can occur from July 1, 2006 through June 30, 2007.
- Track program outcomes and performance for reporting to the Puget Sound Action Team by July 1, 2007.

**Phase II** - Implemented by June 30, 2007: Develop and implement a pilot program to expand the SRF and Centennial grant and loan program that was developed in Phase I to include offering local governments and tribes new opportunities in partnering with qualified private lending institutions and non-profit community development lending institutions. Existing programs currently operating in Washington, Ohio, and Iowa may be used as models for this program. Phase II will include the following:

- Propose any necessary amendments to state legislation to grant the Department of Ecology and the State Treasurer the appropriate authority to develop an on-site septic lending program through qualified lending institutions.
- Work with the Environmental Protection Agency and the on-site financial assistance workgroup in developing Ecology-implemented banking options, such as the linked-deposit programs in Ohio and Iowa.
- Identify participating banking institutions through the competitive procurement process, if linked deposit is implemented in Washington State.

- Help financial assistance recipients develop banking options to contract directly with a local bank or a non-profit lending institution to leverage SRF local loan funds in order to reduce interest rates offered to the private borrower.
- Track program outcomes and performance for reporting to the Puget Sound Action Team by July 1, 2008.

The SRF Final Intended Use Plan (IUP) for FY 2004 discussed that Ecology had started a pilot program which allows local governments to use SRF funding for Alternative Contracting/Service Agreement Provisions (AC/SA). This funding cycle, Ecology received one request from King County to participate in the program. The County requested \$23,866,700 to construct a new marine outfall for the new Brightwater wastewater treatment facility.

In accordance with the AC/SA program, applicants will be evaluated the year they are ready to proceed. If offered funding, recipients will not be required to have their projects evaluated during subsequent funding cycles. The project will be placed at the top of the funding offer list each year in relative priority order based on past offer lists until the project is fully funded. AC/SA recipients need to apply for subsequent funding and need to include a budget for the entire project and indicate the amount of funding required to complete work from October first through September thirtieth of each year.

Ecology has begun the full formal rule revision process for Chapter 173-98 WAC, Uses and Limitation of the Water Pollution Control Revolving Fund. Consequently, Ecology has proposed to not accept new AC/SA proposals until the rule is updated. We expect to have the rule completed in time for the FY 2009 funding cycle. Ecology intends to incorporate lessons learned from the pilot rule. Some of the AC/SA pilot rule issues that will be addressed in the formal rule revision process include, but are not limited to, the following:

- Interest rates (yearly, life of project, etc.) and impacts on SRF perpetuity
- SRF ceiling limits per project and/or per year provisions
- More clearly define or otherwise deal with existing definition of the term “fully funded”
- Yearly priority provisions of AC/SA relative to hardship and other high priority projects
- Readiness to proceed and other prerequisite provisions (facilities plan and Total Maximum Daily Load approval, etc.)
- Cost and time to complete projection controls
- Cost overrun provisions (if any)



## **VII. 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 financial assistance during this funding cycle. This list was established based on the total amount of funds available for each category and after the eligible applicants' projects had been evaluated and prioritized. The list of local governments considered for funding and those with projects offered funding are included as Attachment 1.

## **VIII. Descriptions of Projects Proposed for Funding**

All projects considered and offered funding are described in Attachment 2.

## **IX. Proposed SRF Payment Schedule**

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

## **X. Public Review and Comment**

### **A. Funding Cycle**

The FY 2007 Final IUP will be mailed to applicants on July 1, 2006. Notification of the availability of the Final IUP will be mailed to interested parties on July 1, 2006. There was a 30-day public review and comment period for the Draft IUP that began on April 24, 2006, and ended on May 24, 2006.

One public meeting was held to discuss the preparation of the Draft IUP. The public meeting was held at the following location:

Location:	Pierce County Library Administrative Service Center 3005 112 <sup>th</sup> Street East Tacoma, Washington
Date:	Wednesday, May 10, 2006
Time:	10:00 a.m.

### **B. Response to Comments**

#### **Comments from External Parties:**

During the 30-day public review and comment period, Ecology received four comment letters on the Draft IUP. The comment is summarized first and response following.

**1. City of Carnation, Ms. Laurie Fulton Roth Hill Engineering Partners on behalf of the city of Carnation, FP07062/Carnation Wastewater Collection and Conveyance System**

**Comment:** Ms. Fulton wrote on behalf of the city of Carnation that some of the financial assumptions shown on the Financial Hardship Analysis Form submitted with its application for funding were incorrect and requested that Ecology staff recalculate the financial hardship determination based on the revised information.

**Response:** Ecology staff recalculated the financial hardship determination based on the revised information. The analysis showed that the City is eligible for additional Centennial Clean Water Program (Centennial) hardship grant funding and a reduced SRF loan.

SRF Funds Proposed	SRF Funds Offered
\$6,750,0000	\$5,199,457
Centennial Funds Proposed	Centennial Funds Offered
\$3,250,000	\$4,800,543

By Centennial rule (Chapter 173.95A WAC), unless the demand for hardship grant funding is limited, the maximum amount any one applicant can be offered during a funding cycle is one-third of the funds available in the facility category. For FY 2007 that amount is \$2,300,543. That amount is supplemented by the \$2.5 million Legislative proviso for hardship communities with a population of less than 5 thousand identified in the 2005-07 Supplemental Capital Budget, resulting in a total hardship grant offer of \$4,800,543.

The result of the revised financial hardship analysis determination shows that the City is eligible for a total Centennial hardship grant of \$4,961,000. Based on the Centennial rule and Legislative direction, \$4,800,543 is the maximum Ecology can offer this FY 2007 funding cycle. Based on Legislative appropriation for the Centennial FY 2008 funding cycle and Chapter 173.95A WAC "Uses and Limitations of Centennial Clean Water Funds," supplemental hardship grant funding in the amount of \$160,457 will be reserved for the City and the loan amount identified on the written loan agreement will be proportionately reduced.

**2. Mason County, Ms. Linda Erickson, Mr. Tim Sheldon, and Ms. Jayni Kamin, Commissioners, FP07076/Belfair Water Reclamation Facility Design**

**Comment:** The Commissioners wrote to Ecology and expressed their appreciation on behalf of Mason County to propose to fund the new Belfair Water Reclamation Facility Design project.

The Commissioners requested that their FY 2003 and FY 2006 design loans be repackaged to be available concurrent with the funds proposed on the SRF FY 2007 Draft IUP.

**Response:** Ecology is pleased to provide Mason County SRF loan funding for this important water quality project.

Funds offered on the SRF FY 2003 Final IUP will be repackaged through an amendment to the existing loan agreement between Ecology and Mason County in the near future.

The funds offered on the SRF FY 2006 Final IUP have been added to those identified on the SRF FY 2007 Draft IUP and are shown on this SRF FY 2007 Final IUP.

SRF Funds Proposed	SRF Funds Offered
\$1,107,814	\$1,910,166

**3. City of Warden, Mr. Roldan Capetillo, Mayor, FP07026/Warden Water Reclamation Facility**

**Comment:** The Mayor wrote to Ecology that the Financial Hardship Analysis form submitted with the City’s application for funding contained two errors and requested that Ecology staff recalculated the hardship analysis.

**Response:** Ecology staff recalculated the financial hardship determination based on the revised information. The analysis showed that the City is eligible for additional Centennial Clean Water Program (Centennial) hardship grant funding and a reduced SRF loan. The City is eligible for the following hardship grant and SRF loan.

Centennial Hardship Grant	SRF Low-Interest Loan
\$3,033,597	\$5,395,403

Due to the lack of additional grant funding and the city of Carnation’s increased hardship grant eligibility, the grant amount identified on the draft list has been reduced and the SRF low-interest loan increased as shown on the following table.

SRF Funds Proposed	SRF Funds Offered
\$6,558,155	\$7,705,120
Centennial Funds Proposed	Centennial Funds Offered
\$1,870,845	\$723,880

As mentioned above, the result of the revised financial hardship analysis determination shows that the City is eligible for a total Centennial hardship grant of \$3,033,597. Consistent with the legislative appropriation for the Centennial FY 2008 funding cycle and Chapter 173.95A WAC “Uses and Limitations of Centennial Clean Water Funds,” supplemental hardship grant funding can be reserved provided that the costs associated with the reserved amount are not incurred by the grant recipient before the funding cycle for which funding is proposed.

For the city of Warden, \$2,309,717 will be reserved from the FY 2008 funding cycle. This amount reflects the difference in hardship funding between what the City is actually eligible for (3,033,597) and the amount that Ecology offered for the FY 2007 Funding Cycle (\$723,880).

**4. Town of LaCrosse, Mr. Larry Burgess, Mayor, FP07057/LaCrosse Wastewater Facility Loan Refinance**

**Comment:** The Mayor wrote to Ecology that the Town believes the refinance proposal is eligible for funding consideration and requested that Ecology reevaluate the engineering report the project to see if it meets the facility plan requirements.

**Response:** Ecology staff conducted a second prerequisite eligibility review of the engineering report to meet facility plan eligibility requirements and determined that the refinance application was eligible for funding consideration. Unfortunately, no SRF funding remained after higher priority projects were offered funding.

If the Town intends to apply for a future SRF loan to refinance a prior debt and the Town is offered funding, a detailed eligibility cost analysis of all project components will need to be conducted based on State and federal laws.

**Department of Ecology Initiated Comments:**

**1. City of Tacoma, FP07021/Tacoma Central Treatment Plant Upgrade**

Due to less SRF loan funding needed for the city of Carnation’s project, the loan amount offered on this IUP is increased from what was identified on the SRF FY 2007 Draft IUP. The following table illustrates the SRF loan increase.

SRF Funds Proposed	SRF Funds Offered
\$20,370,317	\$21,237,895

Funds offered on this FY 2007 Final Offer and Applicant List will be used to supplement the \$52 million loaned to the City under the SRF pilot rule for Alternative Contracting/Service Agreement that was identified on the FY 2003 Final Intended Use Plan. If additional funding is needed for the Central Treatment Plant Upgrade Project, Ecology encourages the City to apply for those funds and compete with other applicants during our next FY 2008 funding cycle.

**XII. Water Quality Performance Measures**

Ecology agrees to complete and submit a one-page environmental benefits reporting worksheet for each project that receives a loan during the fiscal year in the annual report.

## **Attachment 1**

### **List of Projects Considered and Offered Funding**

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**Washington State Water Pollution Control Revolving Fund  
State Fiscal Year 2007 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
FP07SP01	N/A	<b>Hood Canal Counties (Mason, Kitsap, Jefferson)</b> On-Site Septic System Repair and Replacement Programs	N/A	To Be Determined	\$1,000,000	\$1,000,000	Estuary	2.6%	20	1 & 8
FP07SP02	N/A	<b>Puget Sound Counties and Tribes</b> On-Site Septic System Repair Program	N/A	To Be Determined	\$5,000,000	\$5,000,000	Estuary	2.6%	20	1 & 8
FP06094	N/A	<b>Klickitat County PUD No. 1</b> Klickitat Wastewater Facilities Improvements Project	WA-0023698 BOD 30 mg/l TSS 30 mg/l	11/1/2005 - 5/1/2007 (18 Months)	\$1,797,801	\$30,085	Water Pollution Control Facilities	0%	20	2 & 8
FP07062	1	<b>City of Carnation</b> Carnation Wastewater Collection and Conveyance System	N/A	11/1/2005 - 6/1/2008 (32 Months)	\$10,000,000	\$5,199,457	Water Pollution Control Facilities	0%	20	3 & 8
FP07076	2	<b>Mason County</b> Belfair Water Reclamation Facility Design	N/A	1/1/2006 - 6/30/2007 (18 Months)	\$1,910,166	\$1,910,166	Water Pollution Control Facilities	2.6%	20	8 & 9
FP07069	3	<b>City of Mount Vernon</b> Wastewater Treatment Plant Upgrade Phase 1	WA-0024074 BOD 30 mg/l TSS 30 mg/l	7/1/2006 - 1/1/2008 (18 Months)	\$17,627,500	\$17,627,500	Water Pollution Control Facilities	2.6%	20	8

**Washington State Water Pollution Control Revolving Fund  
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Application Number	Rank	Applicant Name/Project Title	Permit Number & Effluent Limits	Time Frame	Funds Requested	Funds Offered	Category	Interest Rate	Term In Years	Footnotes
FP07047	4	<b>King County Department of Natural Resources and Parks - Wastewater Treatment Division</b> Carnation Wastewater Treatment Facility	N/A	1/1/2003 - 10/1/2007 (58 Months)	\$1,200,000	\$1,200,000	Water Pollution Control Facilities	2.6%	20	8
FP07048	5	<b>Skagit County Planning and Development Services</b> Skagit County Local Loan Fund	N/A	10/1/2006 - 12/31/2010 (48 Months)	\$1,500,000	\$1,500,000	Estuary	2.6%	20	8
FP07003	6	<b>City of Bremerton</b> Bremerton Combined Sewer WWTP Upgrade	WA-0029289 BOD 30 mg/l TSS 30 mg/l	2/1/2006 -12/31/2009 (34 Months)	\$1,000,000	\$1,000,000	Water Pollution Control Facilities	2.6%	20	8
FP07044	7	<b>Spokane County Conservation District</b> Eastern Washington Sediment Reduction Program	N/A	1/1/2007 -12/31/2009 (36 Months)	\$4,000,000	\$4,000,000	Nonpoint	2.6%	20	
FP07034	8	<b>City of Kittitas</b> Kittitas Wastewater Treatment Facility Upgrades	WA-0021253 BOD 15 mg/l TSS 15 mg/l	4/1/2006 - 3/31/2007 (12 Months)	\$765,000	\$382,500	Water Pollution Control Facilities	0%	20	4 & 8
FP07055	9	<b>Public Health - Seattle &amp; King County Environmental Health Division</b> PHSKC Vashon/Maury Shellfish Recovery Project	N/A	1/1/2007 - 7/1/2009 (30 Months)	\$200,000	\$200,000	Estuary	2.6%	20	



**Washington State Water Pollution Control Revolving Fund  
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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 Offered</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Footnotes</b>
FP07025	10	<b>City of Winlock</b> Winlock Wastewater Treatment Plant Improvements	WA-0021199 BOD 30 mg/l TSS 30 mg/l	5/1/2006 - 1/1/2008 (21 Months)	\$8,230,000	\$6,891,591	Water Pollution Control Facilities	0%	20	4 & 8
FP07017	11	<b>City of Port Angeles</b> Francis Street Gravity Sewer Main	WA-0023973 CBOD 25 mg/l TSS 30 mg/l	6/1/2006 - 12/31/2007 (18 Months)	\$700,000	\$700,000	Water Pollution Control Facilities	2.6%	20	8
FP07036	12	<b>City of Cashmere</b> Cashmere Wastewater Facilities Planning	WA-0023183 BOD 45 mg/l TSS 75 mg/l	1/1/2006 - 8/31/2007 (20 Months)	\$170,000	\$170,000	Water Pollution Control Facilities	2.6%	20	8
FP07016	13	<b>Hazel Dell Sewer District</b> Salmon Creek Wastewater Treatment Improvements	WA-00232369 BOD 30 mg/l TSS 30 mg/l	1/1/2003 - 3/2/2009 (39 Months)	\$1,000,000	\$1,000,000	Water Pollution Control Facilities	2.6%	20	8
FP07004	14	<b>King County Dept. of Natural Resources &amp; Parks - Wastewater Treatment Division</b> Brightwater Marine Outfall	N/A	6/1/2007 - 6/30/2010 (36 Months)	\$23,866,700	\$947,246	Water Pollution Control Facilities	2.6%	20	5 & 8
FP07021	15	<b>City of Tacoma</b> Tacoma Central Treatment Plant Upgrade	WA-0037087 BOD 30 mg/l TSS 30 mg/l	3/1/2003 - 5/1/2008 (62 Months)	\$42,000,000	\$21,237,895	Water Pollution Control Facilities	2.6%	20	6 & 8

**Washington State Water Pollution Control Revolving Fund  
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Application Number	Rank	Applicant Name/Project Title	Permit Number & Effluent Limits	Time Frame	Funds Requested	Funds Offered	Category	Interest Rate	Term In Years	Footnotes
FP07005	16	<b>King County Dept. of Natural Resources &amp; Parks - Wastewater Treatment Division</b> Brightwater Conveyance System Design	N/A	4/1/2005 - 10/31/2008 (42 Months)	\$17,962,000	\$0	Water Pollution Control Facilities	2.6%	20	7
FP07054	17	<b>City of Snohomish</b> Waste Water Treatment Plant Upgrade	WA-0029548 BOD 25 mg/l TSS 75 mg/l	1/1/2007 - 12/31/2007 (12 Months)	\$1,400,000	\$0	Water Pollution Control Facilities	2.6%	20	7
FP07043	18	<b>City of Yakima</b> Yakima Regional WWTP Improvements	WA-0024023 BOD 30 mg/l TSS 30 mg/l	1/1/2006 - 1/1/2008 (24 Months)	\$4,000,000	\$0	Water Pollution Control Facilities	2.6%	20	7
FP07053	19	<b>City of Snohomish</b> Phase I CSO Improvements	WA-0029548 BOD 25 mg/l TSS 75 mg/l	1/1/2007 - 12/31/2007 (12 Months)	\$556,000	\$0	Water Pollution Control Facilities	2.6%	20	7
FP07023	20	<b>Town of Concrete</b> Concrete Wastewater Treatment Facility	WA-0020851 BOD 30 mg/l TSS 75 mg/l	7/1/2006 - 7/31/2007 (12 Months)	\$769,000	\$384,500	Water Pollution Control Facilities	0%	20	4 & 8
FP07058	21	<b>City of Washougal</b> Washougal Wastewater Facilities Plan	WA-0037427 BOD 30 mg/l TSS 30 mg/l	9/1/2006 - 9/1/2007 (12 Months)	\$123,799	\$0	Water Pollution Control Facilities	1.3%	5	7

**Washington State Water Pollution Control Revolving Fund  
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List of Projects Considered and Offered 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 Offered</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term In Years</b>	<b>Footnotes</b>
FP07001	22	<b>King County Dept. of Natural Resources &amp; Parks - Wastewater Treatment Division</b> South Magnolia CSO Control Project Facilities Plan	N/A	1/1/2006 - 12/31/2008 (38 Months)	\$818,440	\$0	Water Pollution Control Facilities	2.6%	20	7
FP07026	23	<b>City of Warden</b> Warden Water Reclamation Facility	ST-5380 BOD 45 mg/l TSS 45 mg/l	4/1/2006 - 10/1/200 (18 Months)	\$8,429,000	\$7,705,120	Water Pollution Control Facilities	0%	20	4 & 8
FP07061	24	<b>King County Dept. of Natural Resources &amp; Parks- Wastewater Treatment Division</b> Bellevue Pump Station Upgrade	N/A	7/27/2005 - 3/28/2008 (30 Months)	\$3,660,000	\$0	Water Pollution Control Facilities	2.6%	20	7
FP07050	25	<b>Town of Eatonville</b> Town of Eatonville Water Reuse Planning and WTP Upgrades	WA-0037231 BOD 30 mg/l TSS 30 mg/l	7/1/2006 - 6/30/2007 (12 Months)	\$50,000	\$0	Water Pollution Control Facilities	2.6%	20	7
FP07064	26	<b>City of Centralia</b> Wastewater Treatment Plant Improvements	WA-0020982 BOD 20 mg/l TSS 20 mg/l	7/1/2006 - 7/31/2008 (24 Months)	\$1,000,000	\$0	Water Pollution Control Facilities	2.6%	20	7

**Totals: \$160,735,406 \$78,086,060**

**Footnotes:**

1. Funds identified through an appropriation proviso in Section 135 of the Washington State 2007 Supplemental Capital Budget.
2. The applicant was previously determined to meet criteria for financial hardship and was awarded a grant from the Centennial program and a zero-percent interest loan with a 20-year term from SRF for its project during the first half of the 2005-07 Biennium. The construction bid estimate provided by the applicant indicates a shortfall in funding for this critical wastewater infrastructure project, and thus the applicant is proposed additional funding to meet this need. Grant funds are also identified through an appropriation proviso in Section 135 of the Washington State 2007 Supplemental Capital Budget.
3. The project is eligible for financial hardship in accordance with Chapter 173.98 WAC, *Uses and Limitations of the Water Pollution Control Revolving Fund*, and Chapter 173.95A WAC, *Uses and Limitations of the Centennial Clean Water Fund*, and is identified for a reduced loan interest rate, longer loan term, and partial grant funding. The grant and loan combination may change based on a final hardship determination. Grant funds are also identified through an appropriation proviso in Section 135 of the Washington State 2007 Supplemental Capital Budget.
4. The project is eligible for financial hardship in accordance with Chapter 173.98 WAC, *Uses and Limitations of the Water Pollution Control Revolving Fund*, and Chapter 173.95A WAC, *Uses and Limitations of the Centennial Clean Water Fund*, and is identified for a reduced loan interest rate, longer loan term, and partial grant funding.
5. This project is offered funding under the Alternative Contracting/Service Agreements (AC/SA) in accordance with “pilot” SRF rulemaking provisions for AC/SA Agreements. Applicants are evaluated the year they first apply for funding and are not required to have their projects evaluated during subsequent funding cycles. Projects are then put at the top of the SRF IUP offer list each year in relative priority order based on past SRF IUPs until the project is fully funded. This is the first year for this project. The amount shown is funding needed for the first year.
6. Funds offered are less than funds requested, because no funds remain in the Water Pollution Control Facilities Category after higher priority projects were offered funding.
7. No loan funds remain after higher priority projects in the Water Pollution Control Facilities Category were offered funding.
8. In order to be eligible to sign an SRF loan with Ecology a local government must be in compliance with the requirements of Chapter 36.70A RCW, “Growth Management – Planning by Selected Counties.”
9. Read Response to Comments on page 12 of this Final IUP.

**Washington State Water Pollution Control Revolving Fund  
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List of Refinance Projects Considered and Offered Funding**

<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 Offered</b>	<b>Category</b>	<b>Interest Rate</b>	<b>Term in Years</b>	<b>Footnotes</b>
FP07077	N/A	<b>Mason County</b> North Bay/Case Inlet Loan Refinance	ST-6039 BOD 15 mg/l TSS 22mg/l	N/A	\$5,000,000	\$0	Water Pollution Control Facilities	2.6%	20	1
FP07057	N/A	<b>Town of LaCrosse</b> LaCrosse Wastewater Facility Loan Refinance	ST-5345	N/A	\$100,000	\$0	Water Pollution Control Facilities	2.6%	20	1

**Totals:      \$5,100,000                  \$0**

**Footnote:**

1. No loan funds remain after higher priority projects were proposed for funding.

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**Attachment 2**  
**Project Summaries**

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**Washington State Water Pollution Control Revolving Fund  
State Fiscal Year 2007  
Intended Use Plan Project Summaries**

**FP07SP01 - Hood Canal Counties (Mason, Kitsap, and Jefferson) *On-Site Septic System Repair and Replacement Program*** - This project is a proviso from the Washington State 2006 supplemental budget. The proviso directs Ecology to set-aside at least \$1 million to be used for on-site septic system repair and replacement programs in Mason, Kitsap, and Jefferson Counties. The projects will implement a portion of Washington State's 2005 - 2007 Puget Sound Conservation and Recover Plan, Priority Item 4 "Prevent Nutrient and Pathogen Pollution Caused by Human and Animal Wastes" by providing homeowners and business low interest loans to rehabilitate/replace failing on-site sewage systems.

**FP07SP02 - Hood Canal Counties *On-Site Septic System Repair and Replacement Program*** - This project is a proviso from the Washington State 2006 supplemental budget. The proviso directs Ecology to set-aside up to \$5 million to be used for on-site septic system repair and replacement programs in Puget Sound. The appropriation may be used to: (a) establish new or expanded existing on-site sewage repair and replacement loan programs by county governments or tribes; or (b) develop a pilot program to administer an on-site sewage repair and replacement loan program through a qualified private or nonprofit lending institution. The projects will implement a portion of Washington State's 2005 - 2007 Puget Sound Conservation and Recover Plan, Priority Item 4 "Prevent Nutrient and Pathogen Pollution Caused by Human and Animal Wastes" by providing homeowners and business low interest loans to rehabilitate/replace failing on-site sewage systems.

**FP06094 - Klickitat County PUD No. 1 - *Klickitat Wastewater Facilities Improvements Project*** - This project involves the rehabilitation of the wastewater treatment facilities for the Community of Klickitat. The WWTP will consist of a Recirculating Gravel Filter, UV disinfection, operations building, and a generator. The collection system will be replaced with a small diameter gravity sewer with interceptor tanks to settle solids.

**FP07001 - King County DNRP - Wastewater Treatment Division - *South Magnolia CSO Control Project Facilities Plan*** - Development of the Facilities Plan, which will result in selection of the most effective CSO control project alternative for this location, and the earliest possible control of overflows. Regulatory requirements will be met, and 50-85% of solids and their associated chemicals and 95% of the pathogens currently discharged will be eliminated.

**FP07003 - Bremerton City of - *Bremerton Combined Sewer WWTP Upgrade*** - Wastewater Treatment Plant upgrade to address the critical needs of the plant by replacing aging components beyond their useful life, assuring reliability, accommodating additional combined sewage flow, and creating redundancy where there is none to prevent pollution to Sinclair Inlet and contiguous waterways within 22 square miles of critical habitat.

**FP07004 - King County DNRP-Wastewater Treatment Division - *Brightwater Marine Outfall*** - The Brightwater Wastewater Marine Outfall will discharge treated effluent from the Brightwater treatment plant into the Puget Sound at Point Wells (Portal 19). The outfall will extend offshore for approximately 5,200 feet (nearshore and offshore length). Open trench construction will be used through the on-shore and nearshore areas. The pipeline will be placed directly on the seafloor offshore, and the 500 foot diffuser will be installed along with the offshore pipeline at an approximate depth of 600 feet.

**Washington State Water Pollution Control Revolving Fund  
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**FP07005 - King County DNRP Wastewater Treatment Division - *Brightwater Conveyance Design*** - The Brightwater Wastewater Conveyance System will convey treated wastewater from the Brightwater Wastewater Treatment Plant in unincorporated Snohomish County at the junction of SR-9 and SR-522 to the Marine Outfall at Point Wells. The conveyance systems will consist of approximately 14 miles of pipeline built in underground tunnels at depths of from 40 to about 440 feet below the surface. Tunnel boring machines will be used for most of the construction. The system will also include other facilities including pumps, flow and odor control facilities, and electrical and monitoring equipment.

**FP07016 - Hazel Dell Sewer District - *Salmon Creek Wastewater Treatment Improvements*** - This wastewater facility project expands the Salmon Creek Wastewater Management System, including treatment and regional conveyance, which is nearing capacity. The expansion will allow growth and failing septic systems to be connected to sewerage, providing the infrastructure to support the implementation of the Lower Columbia and Salmon Creek Watershed TMDLs.

**FP07017 - City of Port Angeles - *Francis Street Gravity Sewer Main*** - This project involves the installation of approximately 4,500 feet of 30-inch diameter gravity sewer main, from the north end of Francis Street to the headworks of the City's wastewater treatment plant. This would reduce combined sewer overflow volumes into Port Angeles Harbor by more than 50%.

**FP07021 - City of Tacoma - *Tacoma Central Treatment Plant Upgrade*** - Design and construct 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 and effluent pumping, grit removal, installing a peak wet weather flow treatment process, disinfection, and solids handling.

**FP07023 - Town of Concrete - *Concrete Wastewater Treatment Facility*** - The Town of Concrete proposes to replace its existing wastewater treatment facility with a membrane bioreactor wastewater treatment plant. The proposed facility will improve the quality of effluent discharged to the Baker River in compliance with the Order on Consent No. DE98WQ-N103 issued by Ecology on March 16, 1998.

**FP07025 - City of Winlock - *Winlock Wastewater Treatment Plant Improvements*** - Construct new MBR WWTP in accordance with Ecology approved plans and specifications needed to meet NPDES permit and comply with Ecology Administrative Order Number DE 98WQ-S283 (attached). The new WWTP will produce effluent that meets Class A reclaimed water standards and improves water quality in Olequa Creek and the Cowlitz River.

**FP07026 - City of Warden - *Warden Water Reclamation Facility*** - Construction of a Water Reclamation Facility to replace the existing failing wastewater treatment lagoon system. Construction will include a new influent pump station, headworks, selectors, oxidation ditch, coagulation/flocculation, filter system, UV disinfection and conversion of the current lagoons to recharge basins. Solids handling will include a sludge holding tank and drying beds.

**Washington State Water Pollution Control Revolving Fund  
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**FP07034 - City of Kittitas - Kittitas Wastewater Treatment Facility Upgrades** - Construction of upgrades to the WWTP, including a dual basin sequencing batch reactor to replace the existing single basin sequencing batch reactor. The upgrades will include new gravity grit channels, influent pump station, two SBR Basins, equalization basin, replacement of filter fabric, ultraviolet disinfection, and all related electrical and controls.

**FP07036 - City of Cashmere - Cashmere Wastewater Facilities Planning** - Cashmere is under a DOE compliance schedule to complete a wastewater facilities plan. The City discharges to the Wenatchee River which is on the 303(d) list for pH, DO, temperature, and instream flow. A TMDL is currently underway for the river and will result in phosphorus load limitations requiring a new treatment plant.

**FP07043 - City of Yakima - Yakima Regional WWTP Improvements** - For regulatory, renewal/safety concerns Yakima Regional WWTP improvements include construction of a new solids handling building, redundant centrifuge and dewatering equipment, new blower building with additional stand by power, new ultraviolet disinfection replacing existing chlorine system, grease receiving facility, digester piping, various electrical, instrumentation, and controls improvements.

**FP07044 - Spokane County Conservation District - Eastern Washington Sediment Reduction Program** - The Eastern Washington Sediment Reduction Program will assist farmers in five counties with purchasing conservation tillage equipment, making the transition to direct seeding economically feasible. The direct benefits of conservation tillage operations include decreased erosion, providing improved water quality and salmonid habitat protection through reductions in sediment and associated nutrients. This project implements Washington State's Nonpoint Plan. In Volume 1 of the plan, implements the Direct Seed Implementation Program and BMP Implementation Program in Adams and Spokane Counties. These programs will help prevent soil erosion from agricultural lands and sediment delivery to receiving waters.

**FP07047 - King County DNRP- Wastewater Treatment Division - Carnation Wastewater Treatment Facility** - The project includes the design phase of King County's new wastewater treatment facility to serve the City of Carnation and its urban growth area. The facility will provide advanced wastewater treatment using membrane bioreactor (MBR) technology, conveyance pipeline and discharge facilities. The initial capacity of the treatment plant will be about 400,000 gallons of wastewater per day, with a design for expansion to 450,000 gallons per day. The City of Carnation will build and maintain a local sewer collection system to convey wastewater to the new treatment plant.

**FP07048 - Skagit County Planning and Development Services - Skagit County Local Loan Fund** - The SRF will be used to continue a loan fund to assist land/home owners to make improvements to on-site septic problems that are impacting water quality in Skagit and Samish River Basins. This reduction is important because excessive nutrient and bacterial loading has been identified as a problem in Skagit County. Improvements will be made through On-site septic (OSS) repairs, connections to existing fronting sewer lines, agricultural Best Management Practices (BMPs) and cluster repairs to OSS. The project will implement a portion of Washington State's 2005 - 2007 Puget Sound Conservation and Recover Plan, Priority Item 4 "Prevent Nutrient and Pathogen Pollution Caused by Human and Animal Wastes" by providing homeowners and business low interest loans to rehabilitate/replace failing on-site sewage systems.

**Washington State Water Pollution Control Revolving Fund  
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<p><b>FP07050 - Town of Eatonville - <i>Town of Eatonville Water Reuse Planning WTP Upgrades</i></b> - The Town of Eatonville plans to upgrade its existing WWTP to produce Class A reclaimed water. This project would have multiple benefits, including use of reclaimed water for irrigation of parks and school yards, reduction in direct diversion from the Mashel River to meet summer water needs, and the return of higher-quality water to the river.</p>
<p><b>FP07053 - City of Snohomish - <i>Phase I CSO Improvements</i></b> - The downtown Historic District of Snohomish is served by a combined sanitary/storm system installed during the early 1900s. There are currently two active CSOs. The purpose of this project is to design sewer trunk line and pump station improvements needed to reduce the outflows to one per year or less.</p>
<p><b>FP07054 - City of Snohomish - <i>Wastewater Treatment Plant Upgrade</i></b> - The existing water quality violations at the Snohomish Waste Water Treatment Plant necessitate significant upgrades to meet regulations and provide adequate treatment capacity. This project would result in the design of the needed improvements so that the plant can meet permit requirements and achieve improved Snohomish River water quality.</p>
<p><b>FP07055 - Public Health- Seattle &amp; King County, Environmental Health Division - <i>PHSKC Vashon/Maury Shellfish Recovery Project</i></b> - The project seeks to repair or upgrade failing and substandard shoreline and near shore on-site sewage systems on Vashon-Maury Island in King County with the goal of opening shellfish growing areas by establishing a revolving fund loan program to finance septic repairs and provide a staff position to establish the program. The project will implement a portion of Washington State's 2005 - 2007 Puget Sound Conservation and Recover Plan, Priority Item 4 "Prevent Nutrient and Pathogen Pollution Caused by Human and Animal Wastes" by providing homeowners and business low interest loans to rehabilitate/replace failing on-site sewage systems.</p>
<p><b>FP07058 - City of Washougal - <i>Washougal Wastewater Facilities Plan</i></b> - This project would provide Facility Planning for wastewater treatment plant and collection system improvements. The Washougal WWTP is currently at 80% of its NPDES permitted capacity; a capacity upgrade is necessary to prevent future water quality violations.</p>
<p><b>FP07061 - King County DNRP-Wastewater Treatment Div. - <i>Bellevue Pump Station Upgrade</i></b> - King County is upgrading the pump station [built in 1964] and constructing new facilities [including a new force main to the Eastside Interceptor] in order to handle the anticipated increased flows to the pump station. These improvements will increase capacity and also decrease the system response time during a power outage to reduce the potential overflows into Meydenbauer Creek.</p>
<p><b>FP07062 - City of Carnation - <i>Carnation Wastewater Collection and Conveyance System</i></b> - Carnation will build a new citywide vacuum sewer collection system (approximately 61,000 feet of pipe) and vacuum/pump station. The system will replace approximately 625 aging, failed and non-conforming septic systems serving 1,900 residents. The vacuum/pump station will pump wastewater to the planned treatment plant on the adjacent property.</p>

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**FP07064 - City of Centralia - Wastewater Treatment Plant Improvements** - Project would add either 1) a lime dust venturi removal system to the part of the building where the RDP lime stabilization unit is located or 2) replace existing RDP lime stabilization unit creating the lime dust problem with a sludge dryer to the new Centralia wastewater treatment facility located northwest of the city. If a sludge dryer is chosen, a sludge thickener may also be required.

**FP07069 - City of Mount Vernon - Wastewater Treatment Plant Upgrade Phase 1** - This project will provide increased hydraulic and organic capacity of the Mount Vernon WWTP through the construction of a new pre-treatment (grit and debris screening) facility, 2 new primary clarifiers, aeration basin modifications, 2 additional secondary clarifiers, an ultra-violet disinfection system, and an extensive odor control system.

**FP07076 - Mason County - Belfair Water Reclamation Facility Design** - The proposed project is for the design of a water reclamation facility and sewer collection system to serve the urban needs of the Belfair UGA and to serve an area where the performance of on-site sewage systems have lead to a declaration of severe public health hazard in the Lynch Cove area of Lower Hood Canal.

**FP07077 - Mason County - North Bay/Case Inlet Loan Refinance** - North Bay Case Inlet sewer collection system and treatment facility was completed and placed on-line in 2002, with financial participation in the form of a grant from the CCWF, a 0%, 20yr. SRF Loan (\$5,818,537 outstanding), and a 4.75% Rural Development Admin loan with a 40 year term (\$5,155,022.5 outstanding). A recent financial analysis of the system (Oct. 2005) showed that the rates to support debt service and operating costs for the plant will require an increase in monthly rates from \$48.50 to \$81.00 over the next four years. Mason County respectfully requests consideration to refinance the federal loan through the State Revolving Fund for a 20 yr. term at 0% interest. This measure, combined with a rate increase to \$62.00/month in 2006, will help provide long-term fiscal viability for the utility while ensuring adequate coverage for costs.

**Acronyms/Definitions:**

BMP – *Best Management Practice*

CSO – *Combined Sewer Overflow*

MBR – *Membrane Bioreactor*

QAPP – *Quality Assurance Project Plan*

SWM – *Surface Water Management*

TMDL – *Total Maximum Daily Load, Water Cleanup Plan*

WWTP – *Waste Water Treatment Plant*

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## **Attachment 3**

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

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**Washington State Water Pollution Control Revolving Fund  
State Fiscal Year 2007 Final Intended Use Plan  
Proposed Schedule of Payments from EPA to the State of Washington**

<b>Federal Quarter</b>	<b>Requested FFY 2006 Title VI Grant Payments</b>
7/1/06	\$6,586,719
10/1/06	\$6,586,719
1/1/07	\$6,586,719
4/1/07	\$6,586,720
<b>TOTAL</b>	<b>\$26,346,877</b>

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## **Attachment 4**

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

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**Washington State Water Pollution Control Revolving Fund  
State Fiscal Year 2007 Final Intended Use Plan  
Estimated Schedule of Binding Commitments**

<b>Application Number</b>	<b>Applicant Name/Project Title</b>	<b>Date</b>	<b>Funds Proposed</b>
FP06094	<b>Klickitat County PUD No. 1</b> Klickitat Wastewater Facilities Improvements Project	7/31/06	\$30,085
FP07021	<b>City of Tacoma</b> Tacoma Central Treatment Plant Upgrade	7/31/06	\$21,237,895
FP07062	<b>City of Carnation</b> Carnation Wastewater Collection and Conveyance System	7/31/06	\$5,199,457
FP07SP01	<b>Hood Canal Counties (Mason, Kitsap, Jefferson)</b> On-Site Septic System Repair Program	8/31/06	\$1,000,000
FP07SP02	<b>Governor's Puget Sound Initiative</b> On-Site Septic System Repair Program	8/31/06	\$5,000,000
FP07034	<b>City of Kittitas</b> Kittitas Wastewater Treatment Facility Upgrades	8/31/06	\$382,500
FP07048	<b>Skagit County Planning and Development Services</b> Skagit County Local Loan Fund	9/29/06	\$1,500,000
FP07004	<b>King County Dept. of Natural Resources &amp; Parks - Wastewater Treatment Division</b> Brightwater Marine Outfall	9/29/06	\$947,246
FP07069	<b>City of Mount Vernon</b> Wastewater Treatment Plant Upgrade Phase 1	11/30/06	\$17,627,500
FP07047	<b>King County Department of Natural Resources and Parks - Wastewater Treatment Division</b> Carnation Wastewater Treatment Facility	11/30/06	\$1,200,000
FP07003	<b>City of Bremerton</b> Bremerton Combined Sewer WWTP Upgrade	11/30/06	\$1,000,000
FP07044	<b>Spokane County Conservation District</b> Eastern Washington Sediment Reduction Program	12/31/06	\$4,000,000
FP07025	<b>City of Winlock</b> Winlock Wastewater Treatment Plant Improvements	1/1/07	\$6,891,591
FP07017	<b>City of Port Angeles</b> Francis Street Gravity Sewer Main	1/1/07	\$700,000
FP07055	<b>Public Health - Seattle &amp; King County Environmental Health Division County Environmental Health Division</b> PHSKC Vashon/Maury Shellfish Recovery Project	4/1/07	\$200,000
FP07076	<b>Mason County</b> Belfair Water Reclamation Facility Design	4/1/07	\$1,107,814
FP07036	<b>City of Cashmere</b> Cashmere Wastewater Facilities Planning	4/1/07	\$170,000
FP07016	<b>Hazel Dell Sewer District</b> Salmon Creek Wastewater Treatment Improvements	4/1/07	\$1,000,000
FP07023	<b>Town of Concrete</b> Concrete Wastewater Treatment Facility	4/1/07	\$384,500
FP07026	<b>City of Warden</b> Warden Water Reclamation Facility	4/1/07	\$7,705,120